
BULLETIN OF WAKE FOREST UNIVERSITY

CATALOG ISSUE

WINSTON-SALEM

NORTH CAROLINA



JANUARY 1968

*FOR STUDENTS ENTERING IN
ACADEMIC YEAR 1968-1969*

CORRESPONDENCE

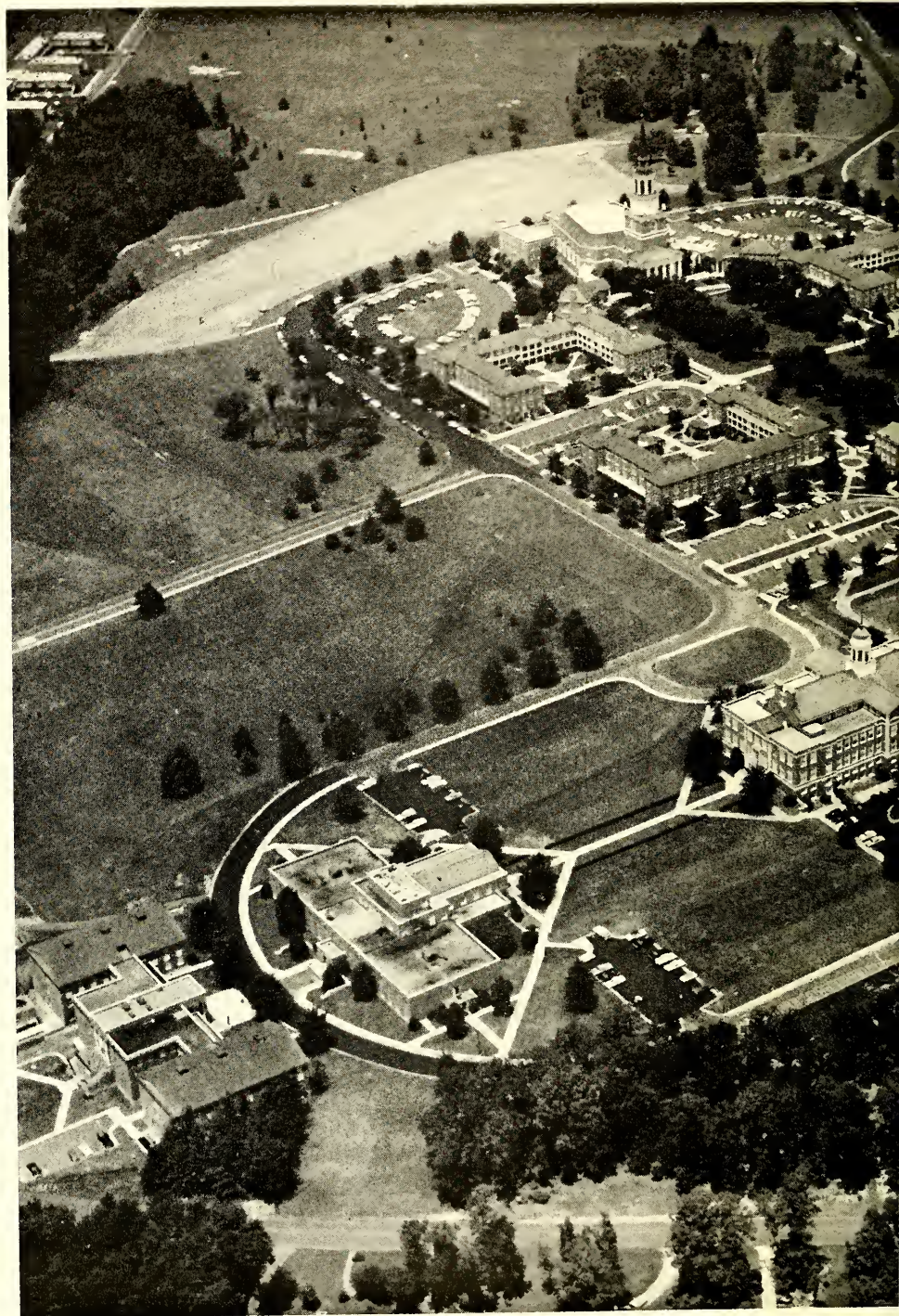
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Student Affairs.....	Dean of Students
Summer Session.....	Dean of Summer Session
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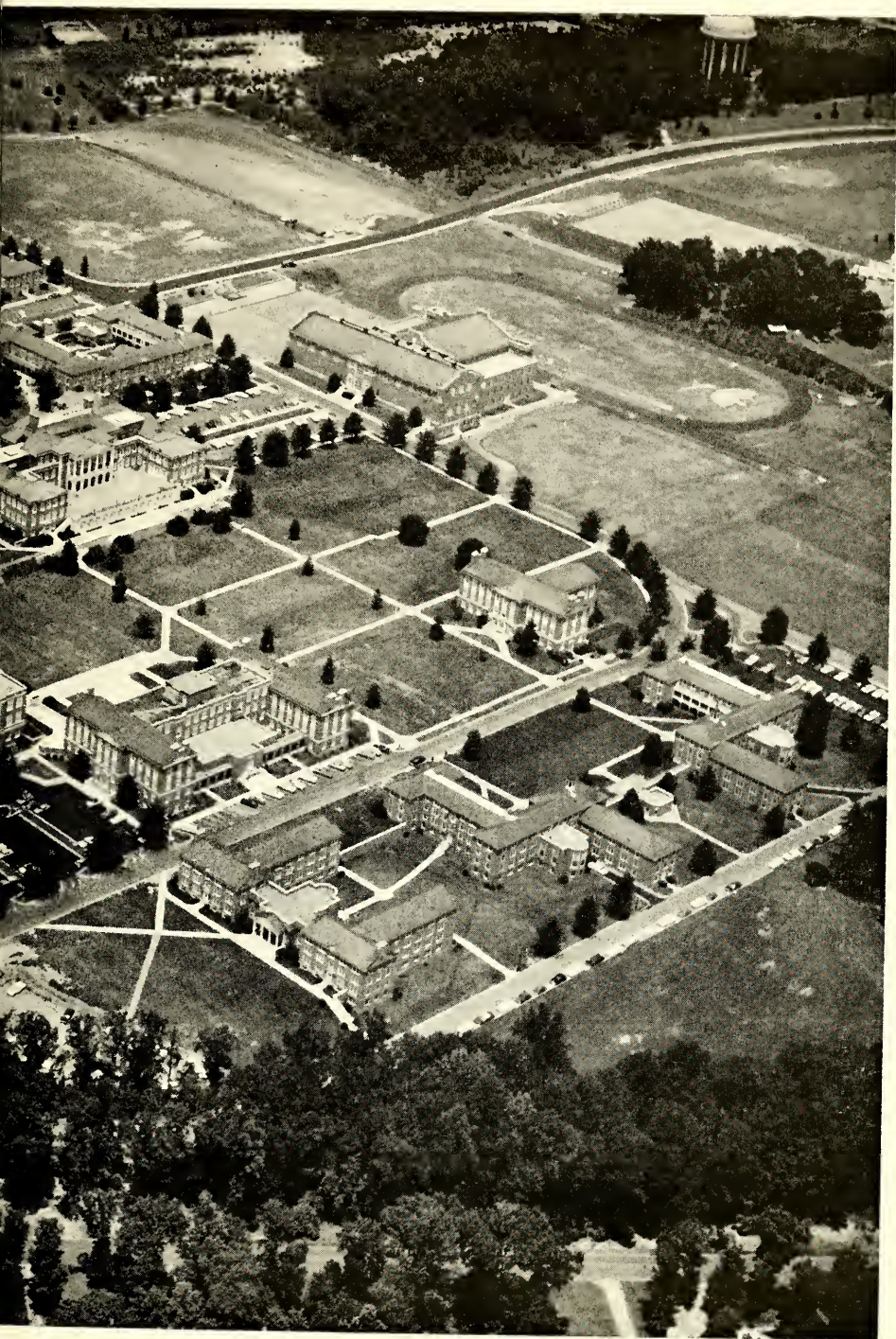
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NEW SERIES

JANUARY 1968

VOL. LXIII, No. 1

BULLETIN OF

WAKE FOREST

UNIVERSITY



GENERAL CATALOG ISSUE

ONE HUNDRED THIRTY-THIRD YEAR

ANNOUNCEMENTS FOR 1968-1969

The Bulletin of Wake Forest University is published six times annually at Winston-Salem, North Carolina, and includes announcements of Wake Forest College, Graduate School, Summer Session, Bowman Gray School of Medicine, and the School of Law

Second-class postage paid at Winston-Salem, N. C.

1968

JANUARY	APRIL	JULY	OCTOBER
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1969

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UNIVERSITY CALENDAR

Summer Session 1968

June	10	Monday	Registration First Term
June	11	Tuesday	Classes begin
July	16	Tuesday	First term ends
July	18	Thursday	Registration Second Term
July	19	Friday	Classes begin
August	23	Friday	Second term ends

Fall Term 1968

Sept.	12	Thursday	9:00	Dormitories open for students
Sept.	12	Thursday	11:00	Cafeteria open
Sept.	12	Thursday	}	Orientation for freshmen and transfer students
	16	Monday		
Sept.	16	Monday	}	*Registration (1:00-5:00)
	17	Tuesday		Registration (8:00-5:00)
Sept.	18	Wednesday		Classes begin
Oct.	4	Friday		Last day for dropping a class without penalty
Oct.	18	Friday		I grades of last term become F
Nov.	9	Saturday		Homecoming (Holiday)
Nov.	11	Monday		Mid-term reports due in Registrar's Office
Nov.	28	Thursday	}	Thanksgiving recess
Dec.	1	Sunday		
Dec.	2	Monday		Classes resumed
Dec.	18	Wednesday	}	Christmas Recess
Jan.	2	Thursday		
Jan.	3	Friday		Classes resumed
Jan.	20	Monday		Examinations begin
Jan.	23	Thursday		Reading Day
Jan.	29	Wednesday		Examinations end

* Registration in the School of Law will be held Sept. 16-17.

Spring Term 1969

Feb.	3	Monday	}	Registration (8:00- 5:00)
	4	Tuesday		Registration (8:00-12:00)
Feb.	5	Wednesday		Classes begin
Feb.	6	Thursday		Founders' Day Convocation
Feb.	19	Wednesday		Last day for dropping a class without penalty
March	7	Thursday		I grades of last term become F
March	27	Thursday		Mid-term reports due in Registrar's Office
March	30	Sunday	}	*Spring recess
April	6	Sunday		
April	7	Monday		Classes resumed
April	7	Monday	}	Sophomores sign for conferences with major advisers
	12	Saturday		
April	10	Thursday		Senior testing day
April	16	Wednesday		Last day for payment of reser- vation deposit for next school year
April	28	Monday	}	Sophomore conferences with major advisers
May	10	Saturday		
May	26	Monday		Examinations begin
May	29	Thursday		Reading Day
June	4	Wednesday		Examinations end
June	6	Friday 12:00		Last Senior grades due in Registrar's Office
June	7	Saturday		Alumni Day
June	8	Sunday		Baccalaureate Sermon
June	9	Monday		Graduation

* Spring recess for students registered in Education 251 will coincide with the Easter recess of the Winston-Salem/Forsyth County Schools.

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INTRODUCING THE UNIVERSITY

Location

Wake Forest University is located at Winston-Salem, North Carolina, just off North Carolina Highway 67 (which follows Reynolda Road at this point), on the western outskirts of the city. The University consists of the following divisions: Wake Forest College, the School of Law, the School of Business Administration, the Bowman Gray School of Medicine, and the Graduate School.

Recognition

Wake Forest University is a member of the Southern Association of Colleges and Schools, the Southern Universities Conference, and the Association of American Colleges. The University has chapters of the principal national social fraternities, professional fraternities and honor societies, including Phi Beta Kappa.

The School of Law is a member of the Association of American Law Schools, and is on the approved list of the Council on Legal Education of the American Bar Association.

The Bowman Gray School of Medicine, a four-year medical college, is a member of the Association of American Medical Colleges, and is on the approved list of the Council on Medical Education of the American Medical Association.

The School of Business Administration is a member of the American Association of Collegiate Schools of Business.

Although Wake Forest was primarily a college for men for more than 100 years, women have been regularly admitted to all classes and to the professional schools since 1942.

BOARD OF TRUSTEES

Terms Expire December 31, 1968

MURCHISON BIGGS, Lumberton	JOHN DILDAY, Durham
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WILLIAM J. CONRAD, Winston-Salem	ROBERT HOLT, Greenville
W. BOYD OWEN, Waynesville	

Terms Expire December 31, 1969

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JOSEPH P. SMITH, Gastonia	

Terms Expire December 31, 1970

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C. O. GREENE, Lawndale	JAMES R. NANCE, Fayetteville
JOHN C. HAMRICK, Shelby	ROBERT PHILPOTT, Lexington
JAMES B. TURNER, JR., Raleigh	

Terms Expire December 31, 1971

WILLIAM L. BINGHAM, Lexington	RILEY M. JORDAN, Raeford
ELMER LEE CAIN, Winston-Salem	J. EVERETTE MILLER, Raleigh
THOMAS H. DAVIS, Winston-Salem	CARLTON S. PRICKETT, Burlington
WALTER E. GREER, JR., Greensboro	SAMUEL C. TATUM, Greensboro
LONNIE BOYD WILLIAMS, Wilmington	

Officers

For One-Year Term Beginning January 1, 1968

LEON L. RICE, JR., Winston-Salem, *President*
GEORGE W. PASCHAL, JR., Raleigh, *Vice-President*
TALCOTT W. BREWER, Box 267, Raleigh, *Treasurer Emeritus*
JOHN G. WILLIARD, Box 7354, Winston-Salem, *Treasurer and Assistant Secretary*
MRS. ELIZABETH S. DRAKE, Box 7226, Winston-Salem, *Secretary*
LESLIE E. BROWDER, Drawer 84, Winston-Salem, *General Counsel*

*ADMINISTRATION

- JAMES RALPH SCALES (1967) *President*
B.A., Oklahoma Baptist; M.A., Ph.D., Oklahoma.
- EDWIN GRAVES WILSON (1946, 1951) *Provost†*
and Professor of English
B.A., Wake Forest; A.M., Ph.D., Harvard.
- ROBERT ALLEN DYER (1956) *Assistant Dean of the College and Associate Professor of Religion*
B.A., Louisiana State; Th.M., Th.D., Southern Baptist Theological Seminary.
- THOMAS M. ELMORE (1962) *Dean of Students and Associate Professor of Educational and Counseling Psychology*
B.A., Wake Forest; M.A., George Peabody; Ph.D., Ohio State.
- MARK H. REECE (1956) *Dean of Men*
B.S., Wake Forest.
- LULA M. LEAKE (1964) *Dean of Women*
B.A., Louisiana State; M.R.E., Southern Baptist Theological Seminary.
- GAINES M. ROGERS (1948) *Dean of the School of Business Administration and Professor of Business Administration*
B.S., Clemson; M.A., Ph.D., Virginia.
- CARROLL W. WEATHERS (1950) *Dean of the School of Law and Professor of Law*
B.A., LL.B., Wake Forest.
- MANSON MEADS (1947, 1963) *Vice President of Medical Affairs, Dean of the Bowman Gray School of Medicine and Professor of Medicine*
B.A., California; M.D., D.Sc., Temple.
- ROBERT L. TUTTLE (1948) *Associate Dean of the Bowman Gray School of Medicine and Associate Professor of Microbiology and Immunology*
B.S., New Hampshire; M.D., Rochester.
- NASH HERNDON (1942, 1966) *Associate Dean (Research Development) of the Bowman Gray School of Medicine and Professor of Preventive Medicine and Medical Genetics*
A.B., Duke; M.D., Jefferson Medical College.

* Date following name indicates year of appointment. More than one date indicates separate appointments.

† Also serving as Dean of the College until a successor has been appointed.

Administration

- CLYDE HARDY (1941) *Associate Dean (Administration) of the Bowman Gray School of Medicine*
B.A., Richmond.
- PERCIVAL PERRY (1939, 1947) *Dean of the Summer Session and Professor of History*
B.A., Wake Forest; M.A., Rutgers; Ph.D., Duke.
- HENRY SMITH STROUPE (1937) *Dean of the Graduate School and Professor of History*
B.S., M.A.,⁶ Wake Forest; Ph.D., Duke.
- EUGENE T. LUCAS (1967) *Vice President for Business and Finance*
B.A., Phillips; M.A., Denver.
- JOHN G. WILLIARD (1958) *Treasurer; Assistant Secretary of the Board of Trustees*
B.S., North Carolina; C.P.A., North Carolina.
- HARRY O. PARKER (1947) *Controller of the Bowman Gray School of Medicine*
B.S., University of North Carolina; C.P.A., North Carolina.
- GRADY S. PATTERSON (1924) *Registrar*
B.A., Wake Forest.
- MRS. MARGARET R. PERRY (1947) *Associate Registrar*
B.S., South Carolina.
- WILLIAM G. STARLING (1958) *Director of Admissions*
B.B.A., Wake Forest.
- MRS. SHIRLEY P. HAMRICK (1957) *Associate Director of Admissions*
B.A., North Carolina.
- WILLIAM M. MACKIE, JR. (1964) *Assistant Director of Admissions*
B.S., Wake Forest.
- ROSS A. GRIFFITH (1966) *Admissions Counselor*
B.S., Wake Forest.
- ROBERT CLARENCE BECK (1959) *Director of the Office for Research and Professor of Psychology*
B.A., Ph.D., Illinois.
- M. HENRY GARRITY (1964) *Director of Development and Alumni Affairs*
B.A., Wake Forest.
- CRAVEN E. WILLIAMS (1965) *Assistant Director of Development and Alumni Affairs*
B.A., Wake Forest; B.D., Southeastern Baptist Theological Seminary.
- H. DONALD GRIFFIN, JR. (1965) *Assistant Director of Development and Director of the Deacon Club Foundation*
B.A., Wake Forest.

Administration

- CHARLES G. FURR (1966) *Assistant Director of
Development and Alumni Affairs*
B.A., Wofford; LL.B., Wake Forest.
- ROBERT MOORE ALLEN (1966) *Assistant Director of Development and
Alumni Affairs*
B.A., Vanderbilt.
- RUSSELL H. BRANTLEY, JR. (1953) *Director of Communications*
B.A., Wake Forest.
- MARVIN A. FRANCIS (1955) *Director of Sports Publicity*
- LEON H. HOLLINGSWORTH (1959) *Chaplain*
B.A., D.D., Wake Forest.
- EDGAR D. CHRISTMAN (1956, 1961) *Assistant to the Chaplain and
Director of the Baptist Student Union*
B.A., LL.B., Wake Forest; B.D., Southeastern Baptist Theological Seminary;
S.T.M., Union Theological Seminary.
- *PAUL L. GARRISON (1962) *Medical Director*
B.S., Wake Forest; M.D., Bowman Gray.
- HOWARD A. JEMISON, JR. (1964) *Assistant Medical Director*
M.D., Bowman Gray.
- MARY ANN HAMPTON TAYLOR (1961) *Assistant Medical Director and
Assistant in Preventive Medicine*
B.S., Wake Forest; M.D., Bowman Gray.
- MERRILL G. BERTHRONG (1964) *Director of Libraries and Associate
Professor of History*
B.A., Tufts; M.A., Fletcher School of Law and Diplomacy; Ph.D., Pennsylvania.
- CARLTON P. WEST (1928) *Librarian*
B.A., Boston University; M.A., Yale; B.S. in L.S., North Carolina.
- MRS. VIVIAN LUNSFORD WILSON (1960) *Law Librarian*
A.B., Coker; B.S. in L.S., George Peabody.
- MRS. ERIKA LOVE (1967) *Librarian of the Bowman Gray
School of Medicine*
B.A., M.A. in L.S., Indiana.
- PAUL M. GROSS, JR. (1959) *Coordinator of the Honors Program and
Associate Professor of Chemistry*
B.S., Duke; Ph.D., Brown.
- JOHN F. REED (1963) *Director of Placement*
A.B., Pennsylvania State; M.A., Washington and Jefferson.
- CHARLES M. ALLEN (1941) *Director of Concerts and Lectures and
Professor of Biology*
B.S., M.A., Wake Forest; Ph.D., Duke.

* Died, November 23, 1967.

Administration

G. EUGENE HOOKS (1956)	<i>Director of Athletics and Associate Professor of Physical Education</i>
B.S., Wake Forest; M.Ed., North Carolina; Ed.D., George Peabody.	
JESSE I. HADDOCK (1952, 1954)	<i>Assistant Director of Athletics</i>
B.S., Wake Forest.	
RICHARD T. CLAY (1956)	<i>Manager of the College Book Store</i>
B.B.A., Wake Forest.	
HAROLD S. ² MOORE (1953)	<i>Director of the Physical Plant</i>
B.M.E., Virginia.	
ROYCE R. WEATHERLY (1947)	<i>Superintendent of Buildings</i>
MELVIN Q. LAYTON (1951)	<i>Superintendent of Grounds</i>
B.S., Wake Forest.	
THOMAS P. GRIFFIN (1956)	<i>Director of Residences</i>

***Professors Emeriti**

CHARLES S. BLACK (1919-20; 1925-65) *Professor Emeritus of Chemistry*
B.A., M.A., Wake Forest; M.A., Virginia; Ph.D., Wisconsin.

ORA C. BRADBURY (1925-1961) *Professor Emeritus of Biology*
B.S., Ottawa; M.A., Ph.D., Nebraska.

COY C. CARPENTER (1926-67) *Vice President Emeritus for
Medical Affairs and Professor Emeritus of Pathology*
B.A. in Medicine, Wake Forest; M.D., Syracuse University School of Medicine.

FORREST W. CLONTS (1922-24; 1925-67) *Professor Emeritus of History*
B.A., Wake Forest; M.A., Ohio State.

MRS. ETHEL T. CRITTENDEN (1915-1946) *Librarian Emerita*

J. ALLEN EASLEY (1928-1963) *Professor Emeritus of Religion*
B.A., D.D., Furman; Th.M., Southern Baptist Theological Seminary.

EDGAR ESTES FOLK (1936-67) *Professor Emeritus of English*
B.A., Wake Forest; M.S., Columbia; Ph.D., George Peabody.

OWEN F. HERRING (1946-1963) *Professor Emeritus of Religion*
B.A., M.A., Wake Forest; Th.M., Th.D., Southern Baptist Theological Seminary;
D.D., Georgetown College.

LOIS JOHNSON (1942-1962) *Dean of Women Emerita*
B.A., Meredith; M.A., North Carolina.

HUBERT A. JONES (1908-1959) *Professor Emeritus of Mathematics*
B.A., M.A., LL.B., Wake Forest.

HENRY BROADUS JONES (1924-1959) *Professor Emeritus of English*
B.A., Wake Forest; M.A., Ph.D., Chicago.

EUGENE I. OLIVE (1940-1961) *Director Emeritus of Alumni Activities*
B.A., Wake Forest; Th.M., Southern Baptist Theological Seminary.

KENNETH TYSON RAYNOR (1926-1961) *Associate Professor Emeritus
of Mathematics*
B.A., Wake Forest; M.A., Duke.

ALBERT C. REID (1917-18; 1920-65) *Professor Emeritus of Philosophy*
B.A., M.A., Wake Forest; Ph.D., Cornell.

HAROLD WAYLAND TRIBBLE (1950-67) *President Emeritus*
B.A., Richmond; Th.M., Th.D., Southern Baptist Theological Seminary; M.A.,
Louisville; Ph.D., Edinburgh; D.D., Stetson; LL.D., Union University, Wake
Forest, Richmond, Duke, North Carolina.

* Dates following names indicate period of service.

Faculty

*Instruction

- CHARLES M. ALLEN (1941) *Professor of Biology and Director of
Concerts and Lectures*
(See Administration)
- JUDSON B. ALLEN (1962) *Assistant Professor of English*
B.A., Baylor; M. A., Vanderbilt; Ph.D., Johns Hopkins.
- RALPH D. AMEN (1962) *Associate Professor of Biology*
B.A., M.A., Colorado State College; M.B.S., Ph.D., Colorado.
- JOHN WILLIAM ANGELL (1955) *Professor of Religion*
B.A., Wake Forest; Th.M., Southern Baptist Theological Seminary; S.T.M., Andover Newton Theological School; Th.D., Southern Baptist Theological Seminary.
- ANDREW LEWIS AYCOCK (1928) *Associate Professor of English*
B.A., Wake Forest; M.A., Tulane.
- H. WALLACE BAIRD (1963) *Assistant Professor of Chemistry*
A.B., Berea; Ph.D., Wisconsin.
- EUGENE PENDLETON BANKS (1954) *Professor of Sociology
and Anthropology*
B.A., Furman; M.A., Ph.D., Harvard.
- JAMES PIERCE BAREFIELD (1963) *Assistant Professor of History*
B.A., M.A., Rice; Ph.D., Johns Hopkins.
- RICHARD CHAMBERS BARNETT (1961) *Associate Professor of History*
B.A., Wake Forest; M.Ed., Ph.D., North Carolina.
- HAROLD M. BARROW (1948) *Professor of Physical Education*
A.B., Westminster; M.A., Missouri; P.E.D., Indiana.
- ROBERT CLARENCE BECK (1959) *Professor of Psychology
and Director of the Office for Research*
(See Administration)
- RICHARD GORDON BELL (1965) *Professor of Law*
B.A., Kentucky; LL.B., LL.M., Western Reserve.
- MARTIN J. BENNISON (1966) *Instructor in Speech*
B.A., Saint Vincent; M.A., Iowa.
- FRANCIS A. BERCES (1967) *Instructor in English*
B.A., M.A., Wake Forest.
- MERRILL G. BERTHRONG *Associate Professor of History and Director
of Libraries*
(See Administration)
- JAMES CAREY BLALOCK (1950) *Associate Professor of Chemistry*
B.S., M.A., Wake Forest; Ph.D., Florida.

* Names are arranged alphabetically. Date following name indicates year of appointment. More than one date indicates separate appointments.

Faculty

- MRS. KAYE SHUGART BOURQUIN (1967) *Instructor in French*
B.A., Salem.
- ROBERT W. BREHME (1959) *Associate Professor of Physics*
B.S., Roanoke; M.S., Ph.D., North Carolina.
- F. DALE BRIDGEWATER (1966) *Instructor in German*
B.A., Wake Forest.
- DALMA ADOLPH BROWN (1941) *Associate Professor of English*
B.A., M.A., North Carolina.
- DAVID B. BROYLES (1966) *Assistant Professor of Political Science*
B.A., Chicago; B.A., Florida; M.A., Ph.D., UCLA.
- GEORGE MCLEOD BRYAN (1956) *Professor of Religion*
B.A., M.A., Wake Forest; B.D., Ph.D., Yale.
- SHASTA M. BRYANT (1966) *Associate Professor of Spanish*
A.B., M.A., Ph.D., North Carolina.
- JULIAN C. BURROUGHS, JR. (1958) *Associate Professor of Speech*
B.A., Wake Forest; M.A., Ph.D., Michigan.
- WILLIAM E. CAGE (1967) *Assistant Professor of Economics,
School of Business Administration*
B.A., Rockford; Ph.D., Virginia.
- RUTH F. CAMPBELL (1962) *Associate Professor of Spanish*
B.A., Woman's College, North Carolina; M.A., North Carolina; Ph.D., Duke.
- JOHN A. CARTER, JR. (1961) *Associate Professor of English*
B.A., Virginia; M.A., Ph.D., Princeton.
- DOROTHY CASEY (1949) *Assistant Professor of Physical Education*
B.S., Woman's College, North Carolina; M.A., North Carolina.
- DAVID W. CATRON (1963) *Assistant Professor of Psychology and Associate
Director of the Center for Psychological Services*
B.A., Furman; Ph.D., Peabody.
- ELTON C. COCK (1938) *Professor of Biology*
B.S., M.S., Ph.D., Virginia.
- LEON P. COOK, JR. (1957) *Associate Professor of Accounting, School
of Business Administration*
B.S., Virginia Polytechnic Institute; M.S., Tennessee; C.P.A., Arkansas.
- MARJORIE CRISP (1947) *Assistant Professor of Physical Education*
B.S., Appalachian State Teachers College; M.A., George Peabody.
- JOHN EDWARD DAVIS, JR. (1956) *Professor of Biology*
B.A., M.A., Ph.D., Virginia.
- GLENN A. DAWSON (1966) *Instructor in Physical Education*
B.S., Lenoir Rhyne; M.A.T., North Carolina.

Faculty

- MARCEL E. DELGADO (1947) *Instructor in Spanish*
B.A., Carson-Newman; Th.M., Southern Baptist Theological Seminary.
- JOHN F. DIMMICK (1961) *Associate Professor of Biology*
B.S., M.S., Western Illinois; Ph.D., Illinois.
- HUGH WILLIAM DIVINE (1954) *Professor of Law*
B.S., Georgia State College for Men; M.A., Louisiana State; J. D., Emory; LL.M., S.J.D., Michigan.
- N. TAYLOR DODSON (1957) *Professor of Physical Education*
B.S., M.A., North Carolina; Dir. P.E., P.E.D., Indiana.
- JUSTUS C. DRAKE (1946) *Assistant Professor of English*
B.A., M.A., Wake Forest.
- ROBERT H. DUFORT (1961) *Professor of Psychology*
B.A., Ph.D., Duke.
- ROBERT ALLEN DYER *Associate Professor of Religion and Assistant Dean*
(See Administration)
- JOHN R. EARLE (1963) *Assistant Professor of Sociology and Anthropology*
B.A., Wake Forest; M.A., Ph.D., North Carolina.
- CRONJE B. EARP (1940) *Professor of Classical Languages and Literature*
B.A., Wake Forest; M.A., Ph.D., Columbia.
- DAVID R. ECKROTH (1966) *Assistant Professor of Chemistry*
B.A., Franklin and Marshall; M.A., Ph.D., Princeton.
- LEO ELLISON, JR. (1957) *Assistant Professor of Physical Education;
Swimming Coach*
B.S., M.S., Northwestern State College.
- THOMAS M. ELMORE *Associate Professor of Educational and
Counseling Psychology and Dean of Students*
(See Administration)
- GERALD W. ESCH (1965) *Assistant Professor of Biology*
B.S., Colorado College; M.S., Ph.D., University of Oklahoma.
- DAVID K. EVANS (1966) *Assistant Professor of Sociology and
Anthropology*
B.S., Tulane; Ph.D., California.
- ESRON McGRUDER FARIS, JR. (1957, 1967) *Professor of Law*
B.A., LL.B., Washington and Lee; LL.M., Duke.
- VERGILIUS TURE ANSELM FERM (1965) *Visiting Professor of
Philosophy*
B.A., Augustana; B.D., Augustana Theological Seminary; M.A., Ph.D., Yale.
- JACK D. FLEER (1964) *Assistant Professor of Political Science*
A.B., Oklahoma Baptist; M.S., Florida State; Ph.D., North Carolina.
- WALTER S. FLORY (1963) *Babcock Professor of Botany; Director
of Reynolda Gardens*
B.A., Bridgewater; M.A., Ph.D., Virginia; Sc.D., Bridgewater.

Faculty

- DOYLE RICHARD FOSSO (1964) *Assistant Professor of English*
A.B., Harvard; M.A., Michigan; Ph.D., Harvard.
- ELLIOTT O. FOSTER (1967) *Instructor in History*
B.A., Ohio Wesleyan; M.A., Syracuse.
- RALPH S. FRASER (1962) *Associate Professor of German*
B.A., Boston; M.A., Syracuse; Ph.D., Illinois.
- GAIL GARRISON (1966) *Instructor in French*
B.A., Millsaps; M.A., North Carolina.
- ROLAND L. GAY (1933) *Associate Professor of Mathematics*
B.S., Wake Forest; M.S., North Carolina State.
- IVEY C. GENTRY (1949) *Professor of Mathematics*
B.S., Wake Forest; B.S., New York University; M.A., Ph.D., Duke.
- LARRY R. GETTMAN (1967) *Instructor in Physical Education*
A.B., Colorado State College; M.S., Illinois.
- CHRISTOPHER GILES, JR. (1951) *Assistant Professor of Music*
B.S., Florida Southern; M.A., George Peabody.
- BALKRISHNA GOVIND GOKHALE (1960) *Professor of History and Asian Studies*
B.A., M.A., Ph.D., Bombay.
- THOMAS FRANK GOSSETT (1967) *Professor of English*
B.A., M.A., Southern Methodist; Ph.D., Minnesota.
- THOMAS ALEXANDER GRAY (1966) *Assistant Professor of English*
B.A., Roberts Wesleyan; M.A., New Mexico State; Ph.D., Syracuse.
- GEORGE J. GRIFFIN (1948) *Professor of Religion*
B.A., Wake Forest; Th.B., Southern Baptist Theological Seminary; B.D., Yale;
Ph.D., Edinburgh.
- PAUL M. GROSS, JR. (1959) *Associate Professor of Chemistry
and Coordinator of The Honors Program*
(See Administration)
- WILLIAM H. GULLEY (1966) *Associate Professor of Sociology and Anthropology*
B.A., M.A., Ph.D., North Carolina.
- DAVID WARREN HADLEY (1966) *Instructor in History*
B.A., Wake Forest; A.M., Harvard.
- WILLIAM MORICE HAGEN (1966) *Instructor in English*
B.A., Davidson; M.A., North Carolina.
- JERRY A. HALL (1958, 1961, 1967) *Associate Professor of Education*
B.A., Wake Forest; M.A., Ed.D., George Peabody.
- KEITH E. HAMILTON (1966) *Instructor in Physical Education;
Track Coach*
B.S. and M.Ed., Bowling Green.

Faculty

- EMMETT WILLARD HAMRICK (1952) *Professor of Religion*
A.B., North Carolina; Ph.D., Duke.
- PHILLIP J. HAMRICK, Jr. (1956) *Professor of Chemistry*
B.S., Morris Harvey; Ph.D., Duke.
- SUSAN P. HARBIN *Instructor in Psychology*
B.A., M.A., Wake Forest.
- CARL V. HARRIS (1956) *Associate Professor of Classical Languages and Literature*
B.A., Wake Forest; B.D., S.T.M., Yale; Ph.D., Duke.
- YSBRAND HAVEN (1965) *Professor of Physics*
Candidate, Doctorandus, Doctor, Groningen.
- MERWYN A. HAYES *Assistant Professor of Speech*
B.A., Macalester; M.A., Oregon; Ph.D., Illinois.
- RALPH CYRUS HEATH (1954) *Professor of Marketing, School of Business Administration*
A.B., Princeton; M.B.A., D.B.A., Indiana.
- DALE HEIN (1965) *Assistant Professor of Biology*
B.S., Oregon State; M.S., Ph.D., Iowa State University.
- ROBERT MEREDITH HELM (1940) *Professor of Philosophy*
B.A., Wake Forest; M.A., Ph.D., Duke.
- J. EDWIN HENDRICKS (1961) *Associate Professor of History*
B.A., Furman; M.A., Ph.D., Virginia.
- MARCUS B. HESTER (1963) *Assistant Professor of Philosophy*
B.A., Wake Forest; Ph.D., Vanderbilt.
- ROBERT P. HIGGINS (1961) *Associate Professor of Biology*
B.A., M.A., Colorado; Ph.D., Duke.
- DAVID ALLEN HILLS (1960) *Associate Professor of Psychology and Director of the Center for Psychological Services*
A.B., Kansas; M.A., Ph.D., Iowa.
- HUGH K. HIMAN (1965) *Assistant Professor of Economics, School of Business Administration*
B.A., M.A., Miami; Ph.D., Illinois.
- IDA MASTERS HOLLOWELL (1965) *Instructor in English*
A.B., Greensboro College; M.A., North Carolina.
- HERBERT HOROWITZ *Assistant Professor of Psychology*
B.A., Brooklyn; M.S., New School for Social Research; M.A., Ph.D., Wisconsin.
- FREDRIC T. HOWARD (1966) *Assistant Professor of Mathematics*
B.A., M.A., Vanderbilt; Ph.D., Duke.
- CALVIN R. HUBER (1962) *Assistant Professor of Music*
B.M., M.M., Wisconsin; Ph.D., North Carolina.

Faculty

- DELMER P. HYLTON (1949) *Professor of Accounting, School of Business Administration*
B.S., M.B.A., Indiana University; C.P.A., Indiana.
- HIRAM V. JENKINS (1966) *Instructor in French*
B.A., Wake Forest; M.A.T., North Carolina.
- TEDDY J. JENSEN (1967) *Instructor in Spanish*
B.S., Auburn; M.A., Alabama.
- J. ROBERT JOHNSON, JR. (1957) *Associate Professor of Mathematics*
B.S., Wake Forest; M.A., Ph.D., Duke.
- ALONZO W. KENION (1956) *Associate Professor of English*
A.B., M.A., Ph.D., Duke.
- HARRY LEE KING, JR. (1960) *Associate Professor of Spanish*
B.A., Richmond; M.A., Ph.D., North Carolina.
- HENRY CONRAD LAUERMAN (1963) *Professor of Law*
B.S., U.S. Naval Academy; LL.B., LL.M., Georgetown; LL.M., Duke.
- ROBERT E. LEE (1946) *Professor of Law*
B.S., LL.B., Wake Forest; M.A. in Public Law, Columbia; LL.M., S.J.D., Duke.
- J. LAWRENCE MCCOLLOUGH (1963) *Instructor in Philosophy*
B.A., Wake Forest; M.A., Emory.
- ELDON McDONALD (1965) *Sergeant First Class, U. S. Army;
Assistant in Military Science*
- JAMES C. McDONALD (1960) *Associate Professor of Biology*
B.A., Washington University, St. Louis; M.A., Ph.D., Missouri.
- THANE McDONALD (1941) *Professor of Music*
B.M., M.M., Michigan; Ed.D., Teachers College, Columbia.
- JAMES G. McDOWELL (1965) *Assistant Professor of History*
B.A., Colgate; Ph.D., Johns Hopkins.
- J. GAYLORD MAY (1961) *Associate Professor of Mathematics*
B.S., Wofford; M.A., Ph.D., Virginia.
- W. GRAHAM MAY (1961) *Associate Professor of Mathematics*
B.S., Wofford; M.A., Ph.D., Virginia.
- JASPER L. MEMORY, JR. (1929) *Professor of Education*
B.A., Wake Forest; M.A., Columbia.
- MRS. ELIZABETH MERRILL (1967) *Instructor in Latin*
B.A., Wake Forest.
- SAMMY R. MERRILL (1967) *Instructor in German*
B.A., Wake Forest.
- HARRY B. MILLER (1947) *Professor of Chemistry*
B.S., Ph.D., North Carolina.

Faculty

- CARLTON T. MITCHELL (1961) *Associate Professor of Religion*
B.A., Wake Forest; B.D., Yale; S.T.M., Union Theological Seminary, New York;
Ph.D., New York University.
- CARL C. MOSES (1964) *Associate Professor of Political Science*
A.B., William and Mary; M.A., Ph.D., North Carolina.
- THOMAS E. MULLEN (1957) *Associate Professor of History*
B.A., Rollins; M.A., Ph.D., Emory.
- RONALD E. NOFTLE (1967) *Assistant Professor of Chemistry*
B.S., New Hampshire; Ph.D., Washington.
- JOHN W. NOWELL (1945) *Professor of Chemistry*
B.S., Wake Forest; Ph.D., North Carolina.
- JAMES C. O'FLAHERTY (1947) *Professor of German*
B.A., Georgetown College; M.A., Kentucky; Ph.D., Chicago.
- AULSEY THOMAS OLIVE (1961) *Associate Professor of Biology*
B.S., Wake Forest; M.S., Ph.D., North Carolina State.
- JEANNE OWEN (1956) *Professor of Business Law, School of
Business Administration*
B.S., Woman's College, North Carolina; M.C.S., Indiana; J.D., North Carolina.
- HAROLD DAWES PARCELL (1935) *Professor of French*
B.A., North Carolina; M.A., Ph.D., Harvard.
- JOHN ERNEST PARKER, JR. (1950) *Professor of Romance Languages
and Education*
B.A., Wake Forest; A.M., Ph.D., Syracuse.
- CLARENCE H. PATRICK (1946) *Professor of Sociology and Anthropology*
B.A., Wake Forest; B.D., Andover Newton; Ph.D., Duke.
- PHILIP J. PERRICONE *Instructor in Sociology and Anthropology*
B.S., M.A., University of Florida.
- PERCIVAL PERRY *Professor of History and Dean of the Summer Session*
(See Administration)
- ELIZABETH PHILLIPS (1957) *Associate Professor of English*
A.B., Woman's College, North Carolina; M.A., State University of Iowa; Ph.D.,
Pennsylvania.
- MICHAEL L. POLLOCK (1967) *Assistant Professor of Physical Education*
B.S., Arizona; M.S., Ph.D., Illinois.
- LEE HARRIS POTTER (1965) *Associate Professor of English*
B.A., M.A., Ph.D., North Carolina.
- HERMAN J. PRESEREN (1953) *Professor of Education*
B.S., State Teachers College, California, Pennsylvania; M.A., Teachers College,
Columbia; Ph.D., North Carolina.

Faculty

-
- MRS. BEULAH LASSITER RAYNOR (1946) *Assistant Professor of English*
 B.A., East Carolina Teachers College; M.A., Wake Forest.
- J. DON REEVES (1967) *Associate Professor of Education*
 A.B., Mercer; B.D., Th.M., Southern Baptist Theological Seminary; Ed.D., Columbia.
- *JON M. REINHARDT (1964) *Assistant Professor of Political Science*
 B.A., Birmingham-Southern; M.A., Ph.D., Tulane.
- CLAUD HENRY RICHARDS, JR. (1952) *Professor of Political Science*
 B.A., Texas Christian; M.A., Ph.D., Duke.
- JOHN EWING ROBERTS (1961, 1967) *Instructor in Classical Languages*
 B.A., Wake Forest; B.D., Yale Divinity School.
- MRS. MARY FRANCES McFEETERS ROBINSON (1952) *Associate Professor of French*
 B.A., Wilson College; M.A., Ph.D., Syracuse.
- PAUL S. ROBINSON (1952) *Associate Professor of Music*
 B.A., Westminster College; Mus.B., Curtis Institute of Music; M.Sac. Mus., D.Sac. Mus., School of Sacred Music, Union Theological Seminary.
- EVA RODTWITT (1966) *Visiting Lecturer in French*
 Cand. Philol., Oslo.
- GAINES M. ROGERS *Professor of Finance and Dean of the School of Business Administration*
 (See Administration)
- DANIEL T. RUCKER (1966) *Master Sergeant, U. S. Army; Assistant in Military Science*
- KARL H. RUPP (1967) *Visiting Lecturer in German*
 Matura, Staatsgymnasium, Linz; Ph.D., University of Innsbruck.
- WILMER D. SANDERS (1954, 1964) *Associate Professor of German*
 B.A., Mühlenberg; M.A., Ph.D., Indiana.
- JOHN W. SAWYER (1956) *Professor of Mathematics*
 A.B., M.A., Wake Forest; M.A., Ph.D., Missouri.
- DONALD O. SCHOONMAKER (1965) *Assistant Professor of Political Science*
 B.A., Wake Forest; M.A., Ph.D., Princeton.
- HOWARD D. SCHWARTZ (1965) *Instructor in Sociology and Anthropology*
 B.A., MacMurray; M.A., Boston University.
- KARL MYRON SCOTT (1955) *Professor of Management, School of Business Administration*
 B.A., Arkansas; M.S., Iowa State College; Ph.D., Illinois.

* Absent on leave 1967-68.

Faculty

- RICHARD D. SEARS (1964) *Instructor in Political Science*
A.B., Clark; M.A., Indiana.
- MRS. KATHERINE HAGEN SEBO *Instructor in Political Science*
B.A., Oberlin; M.A., American.
- PAUL L. SECHTMAN (1966) *Captain, Armor, U. S. Army;*
Assistant Professor of Military Science
B.A., Virginia Military Institute.
- BEN M. SEELBINDER (1959) *Professor of Mathematics*
B.S., Mississippi Delta State College; M.A., Ph.D., North Carolina.
- THOMAS D. SHAFER (1966) *Sergeant Major, U. S. Army;*
Assistant in Military Science
- BYNUM GILLETTE SHAW (1965) *Lecturer in Journalism*
B.A., Wake Forest.
- HOWARD WILLIAM SHIELDS (1958) *Professor of Physics*
B.S., North Carolina; M.S., Pennsylvania State; Ph.D., Duke.
- FRANKLIN R. SHIRLEY (1948) *Professor of Speech*
B.A., Georgetown College; M.A., Columbia; Ph.D., Florida.
- SANDRA I. SHOCKLEY (1964) *Instructor in Physical Education*
B.S., Radford College; M.S., Tennessee.
- RICHARD LEE SHOEMAKER (1950) *Professor of Romance Languages*
B.A., Colgate; M.A., Syracuse; Ph.D., Virginia.
- ROBERT N. SHORTER (1958) *Assistant Professor of English*
B.A., Union College; M.A., Ph.D., Duke.
- JAMES E. SIZEMORE (1953) *Professor of Law*
B.S., East Tennessee State; LL.B., Wake Forest; LL.M., New York University.
- MRS. JUDY JO WORLEY SMALL (1966) *Instructor in English*
B.A., Duke; M.A., Pennsylvania.
- DAVID L. SMILEY (1950) *Professor of History*
B.A., M.A., Baylor; Ph.D., Wisconsin.
- ELEANOR C. SMITH (1967) *Instructor in Mathematics*
A.B., Elon; M.A., Wake Forest.
- J. HOWELL SMITH (1965) *Assistant Professor of History*
B.A., Baylor; M.A., Tulane; Ph.D., Wisconsin.
- HENRY LAWRENCE SNUGGS (1945) *Professor of English*
B.A., Wake Forest; M.A., Ph.D., Duke.
- HENRY SMITH STROUPE *Professor of History and*
Dean of the Graduate School
(See Administration)

Faculty

- ROBERT L. SULLIVAN (1962) *Associate Professor of Biology*
B.A., Delaware; M.S., Ph.D., North Carolina State.
- SAMUEL A. SYME, JR. (1965) *Assistant Professor of Education*
B.A., Washington and Lee; A.M., Ed.D., Duke.
- CHARLES H. TALBERT (1963) *Assistant Professor of Religion*
B.A., Howard; B.D., Southern Baptist Theological Seminary; Ph.D., Vanderbilt.
- HAROLD C. TEDFORD (1965) *Assistant Professor of Speech*
B.A., Ouachita; M.A., Arkansas; Ph.D., Louisiana State.
- STANTON K. TEFFT (1964) *Associate Professor of Sociology and Anthropology*
B.A., Michigan State; M.S., Wisconsin; Ph.D., Minnesota.
- NEAL B. THORNTON *Instructor in Political Science*
B.A., Virginia.
- MRS. ANNE S. TILLET (1956) *Associate Professor of Romance Languages*
B.A., Carson-Newman; M.A., Vanderbilt; Ph.D., Northwestern University.
- LOWELL R. TILLET (1956) *Professor of History*
B.A., Carson-Newman; M.A., Columbia; Ph.D., North Carolina.
- DAVID H. TILLEY (1967) *Instructor in English*
B.A., M.A., Duke.
- ROBERT G. TOPP (1966) *Major, Infantry, U. S. Army; Assistant Professor of Military Science*
B.A., Mississippi; M.A., Western State College.
- DAVID A. TRAVLAND (1967) *Assistant Professor of Psychology and Assistant Director of the Center for Psychological Services*
B.A., M.A., Ph.D., Iowa.
- PHYLLIS LOU TRIBLE (1963) *Assistant Professor of Religion*
B.A., Meredith; Ph.D., Union Theological Seminary, Columbia.
- C. WAYNE TUCKER (1966) *Instructor in Latin*
B.A., Randolph-Macon; M.A., Virginia.
- HUGH J. TURNER, JR. (1966) *Colonel, Artillery, U. S. Army; Professor of Military Science*
B.S., U.S. Military Academy; M.A., Boston.
- THOMAS J. TURNER (1952) *Professor of Physics*
B.S., North Carolina; M.S., Clemson; Ph.D., Virginia.
- DAN OTTO VIA, JR. (1956) *Associate Professor of Religion*
B.S., Davidson; B.D., Southern Baptist Theological Seminary; Ph.D., Duke.
- MARCELLUS E. WADDILL (1962) *Associate Professor of Mathematics*
B.A., Hampden-Sydney; M.A., Ph.D., Pittsburgh.

Faculty

- J. VAN WAGSTAFF (1964) *Assistant Professor of Economics, School of Business Administration*
B.A., Randolph-Macon; M.B.A., Rutgers; Ph.D., Virginia.
- *CLARENCE WALHOUT (1964) *Assistant Professor of English*
A.B., Calvin; M.A., Michigan; Ph.D., Northwestern.
- CARROLL W. WEATHERS *Professor of Law and Dean of the School of Law*
(See Administration)
- JAMES A. WEBSTER, JR. (1951, 1954) *Professor of Law*
B.S., LL.B., Wake Forest; S.J.D., Harvard.
- JUDITH ANN WELLER (1966) *Assistant Professor of History*
B.A., Randolph-Macon Woman's College; M.A., McGill; Ph.D., Columbia.
- ERVIN L. WHITE (1966) *Major, Artillery, U. S. Army;*
Assistant Professor of Military Science
B.S.A., Florida.
- EDDIE J. WHITE (1967) *Captain, Infantry, U. S. Army;*
Assistant Professor of Military Science
B.A., Mercer.
- GEORGE P. WILLIAMS, JR. (1958) *Professor of Physics*
B.S., Richmond; M.S., Ph.D., North Carolina.
- JOHN EDWIN WILLIAMS (1959) *Professor of Psychology*
B.A., Richmond; M.A., Ph.D., Iowa.
- BERNICE LANELL WILSON (1967) *Instructor in English*
B.A., Southwest Texas; M.A., Texas.
- EDWIN GRAVES WILSON *Professor of English and Provost*
(See Administration)
- JAMES W. WILSON (1964) *Instructor in Classical Languages*
B.A., Geneva; M.A., North Carolina.
- ROLF WOLDSETH (1967) *Assistant Professor of Physics*
M.S., Technical University of Norway; Ph.D., Washington University of St. Louis.
- JOHN J. WOODMANSEE (1965) *Assistant Professor of Psychology*
B.A., Westminster; M.A., Denver; Ph.D., Colorado.
- RAYMOND L. WYATT (1956) *Associate Professor of Biology*
B.S., Wake Forest; M.A., Ph.D., North Carolina.
- WILFRED BUCK YEARNs, JR. (1945) *Professor of History*
B.A., Duke; M.A., Georgia; Ph.D., North Carolina.
- *RICHARD L. ZUBER (1962) *Associate Professor of History*
B.S., Appalachian; M.A., Emory; Ph.D., Duke.

* Absent on leave, 1967-68.

PART TIME STAFF MEMBERS

- HTIN AUNG (1965) *Visiting Scholar in Asian Studies*
 B.A., Rangoon; LL.B., LL.M., London; B.A., LL.B., Queens' College, Cambridge;
 M.Litt., Ph.D., LL.D., Trinity College, Dublin; LL.D., Rangoon, Johns Hop-
 kins, Vidyodaya University of Ceylon.
- ALFRED T. BRAUER (1965) *Visiting Professor of Mathematics*
 Ph.D., Berlin.
- FREDERICK L. BRONNER (1966) *Visiting Professor of History*
 B.S., Union College; A.M., Ph.D., Harvard.
- MRS. MARJORIE FELMET (1964) *Visiting Teacher of Piano*
 A.B., North Carolina; M.A., Eastman School of Music.
- MRS. LUCILLE S. HARRIS (1957) *Instructor in Piano*
 B.A., B.M., Meredith.
- MRS. ETHEL LASHMIT KALTER (1960) *Artist in Residence, Voice*
 Certificate, Westminster Choir College.
- W. PENN LEWIS, JR. (1967) *Lecturer in Accounting, School
of Business Administration*
 B.S., North Carolina; M.B.A., Syracuse; C.P.A., North Carolina.
- PAUL RAINEY (1967) *Visiting Teacher of Woodwind Instruments*
 B.A., Concord.
- DAVID H. ROSE (1968) *Visiting Lecturer in Religion*
 B.A., Cincinnati; B.H.L., M.H.L., Hebrew Union.
- WILLIAM ROUMILLAT (1964) *Visiting Teacher of Oboe and Clarinet*
 B.A., North Carolina.
- JEANNETTE STONE (1967) *Visiting Teacher of Voice*
 B.A., Wake Forest.
- E. MOWERAY TATE (1967) *Visiting Professor of Asian Studies*
 B.A., Whitman; Ph.D., Columbia.

COACHING STAFF

- G. EUGENE HOOKS (1956) *Director of Athletics*
B.S., Wake Forest; M.Ed., North Carolina; Ed.D., George Peabody.
- JESSE I. HADDOCK (1954) *Assistant Director of Athletics and Golf Coach*
B.S., Wake Forest.
- WILLIAM L. TATE (1963) *Football Coach*
B.S., Illinois.
- JOHN W. MCCLOSKEY (1966) *Basketball Coach*
B.S., M.S., Pennsylvania.
- JACK T. STALLINGS (1958) *Administrative Asst.; Baseball Coach*
B.S., Wake Forest; M.Ed., North Carolina.
- KEITH HAMILTON (1966) *Track Coach; Instructor in Physical Education*
B.S., M.S., Bowling Green State University.
- LEO ELLISON, JR. (1957) *Swimming Coach; Instructor in Physical Education*
B.S., M.S., Northwestern State College.
- JOSEPH A. MADDEN (1964) *Assistant Football Coach*
B.S., Maryland.
- RICHARD B. ANDERSON (1964) *Assistant Football Coach*
B.S., Illinois.
- WILLIAM H. DAVIS (1964) *Assistant Football Coach*
B.S., Illinois.
- ROBERT C. LORD (1966) *Assistant Football Coach*
B.S., Colorado State College; M.S., Springfield College.
- WILLIAM BEATTIE FEATHERS (1961) *Assistant Football Coach*
B.S., Tennessee.
- ROBERT POPP (1967) *Freshman Football Coach*
B.S., Michigan State; M.S., University of Colorado.
- JOSEPH S. POPP, JR. (1965) *Assistant Football Coach*
B.A., Catawba.
- NEIL JOHNSTON (1966) *Assistant Basketball Coach;
Freshman Baseball Coach*
B.S., Ohio State.
- WILLIAM A. PACKER *Assistant Basketball Coach*
B.A., Wake Forest.
- JAMES H. LEIGHTON, JR. (1962) *Tennis Coach*
A.B., Presbyterian College.
- LEWIS MARTIN (1958) *Trainer*

STAFFS OF THE LIBRARIES

MERRILL G. BERTHRONG, A.B., A.M., Ph.D., *Director of Libraries*

The Z. Smith Reynolds Library (General Library)

CARLTON P. WEST, A.B., A.M., B.S. in L.S., *Librarian*

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MINNIE S. KALLAM, B.A., B.S. in L.S., *Reference Librarian*

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MRS. PATRICIA B. GILES, A.B., M.S. in L.S., *Acquisitions Librarian*

RICHARD J. MURDOCH, B.A., M.S. in L.S., *Rare Books Librarian*

WILLIAM K. ACH, A.B., B.S. in L.S., *Microtext Librarian*

MRS. BESSIE W. HOLLINGSWORTH, B.S., M.A., *Director of the Reclassification Project*

MINNIE M. HUGGINS, B.A., B.S. in L.S., *Documents Librarian*

JOHN R. WOODARD, JR., B.A., *Director of the Baptist Collection*

JAMES M. NICHOLSON, M.A., M.S. in L.S., *Assistant Catalog Librarian*

MRS. MARGARET V. SHOEMAKER, B.S., A.B. in L.S., *Assistant Catalog Librarian*

MRS. JANET L. FLOWERS, B.A., M.S. in L.S., *Assistant Reference Librarian*

Library of the School of Law

MRS. VIVIAN L. WILSON, A.B., B.S. in L.S., *Librarian*

Library of the Bowman Gray School of Medicine

MRS. ERIKA LOVE, B.A., M.A. in L.S., *Librarian*

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JANET FISHER, A.B., M.S., *Technical Services Librarian*

MRS. DIANE BUTZIN, B.S., M.S., *Cataloger*

COMMITTEES OF THE FACULTY

1968-69

Effective September 1, 1968

The terms of members, except where otherwise shown, expire on August 31 of the year indicated. Each committee selects its own chairman except where the chairman is designated. All members of a committee vote except as otherwise indicated.

S.

Absences

Non-voting. Dean of the College, Registrar, Dean of Women.

Voting. 1971 Brehme, 1970 Crisp, 1969 King.

Admissions

Non-voting. Dean of the College, Registrar, Dean of Women, Director of Admissions.

Voting. 1971 J. B. Allen, Hills; 1970 Aycock, M. F. Robinson; 1969 Earle, Wagstaff.

Advisory Council to Lower Division

Johnson, Chairman; J. B. Allen, Angell, Aycock, Baird, Barefield, Barnett, Blalock, Brehme, Burroughs, Catron, Cook, Davis, Dimmick, Dodson, Earle, Evans, Fleer, Fosso, Fraser, Hadley, E. W. Hamrick, Harris, Hendricks, Hester, Higgins, Himan, McDowell, J. G. May, W. G. May, Mitchell, Olive, Owen, Parker, Potter, Raynor, Roberts, P. S. Robinson, Sanders, Scott, Sullivan, Syme, Tefft, Tribble, Walhout, G. P. Williams, Woodmansee, Wyatt, Zuber.

Athletics

Administrative: Dean of the College, Treasurer, Faculty Chairman Sawyer; 1971 Catron, Davis; 1970 Angell, Himan; 1969 Preseren, Yearsn.

Buildings and Grounds

Administrative Officials: Moore, Patterson, Williard, Wilson; 1973 Tedford, 1972 C. M. Allen, 1971 Angell, 1970 Beck, 1969 Hylton.

Calendar

Dean of the College, Registrar, Dean of Women.

Curriculum

Dean of the College, Chairman; President, Dean of the School of Business Administration, Registrar, and the chairman of each de-

partment of Wake Forest College as follows: Biology, Chemistry, Classical Languages, Education, English, German, History, Mathematics, Military Science, Music, Philosophy, Physical Education, Physics, Political Science, Psychology, Religion, Romance Languages, Sociology and Anthropology, Speech.

Executive

Non-voting. President, Dean of Women.

Voting. Dean of the College, Chairman; Dean of the School of Business Administration, and the following faculty members: 1971 Miller, Mitchell; 1970 Flory, Patrick; 1969 Parker, L. R. Tillett.

Graduate Council

Dean of the Graduate School, Chairman; Provost; Coordinator of Graduate Studies of the Bowman Gray School of Medicine; 1972 Barnett; 1971 G. P. Williams; 1970 Beck, Goodman; 1969 Phillips; 1968 Olive.

Honors

Dean of the College; Coordinator of the Honors Program; 1972 Schoonmaker, 1971 Waddill, 1970 Via, 1969 A. S. Tillett.

Library

Librarian and the following faculty members: 1971 Gulley, McDowell, W. G. May, Syme, A. S. Tillett; 1970 Barrow, Dufort, Harris, Hester, Moses, P. S. Robinson, Shields, Talbert; 1969 Amen, Baird, Burroughs, Kenion, Sanders, Tribble, Wagstaff.

Men's Judicial Board

1971 Esch, Fleer; 1970 Brown, Potter; 1969 Banks, Gentry; six students elected by student body.

Nominations

1971 Shirley, Smiley; 1970 Owen, J. E. Williams; 1969 Perry, Richards.

Orientation

Dean of the College, Chairman; Dean of Women, President of the Student Government or his designated representative.

Publications

Dean, Treasurer, Director of Communications, Faculty advisers of *Old Gold and Black*, *Howler* and *Student*; 1971 Potter, 1970 Bryan, 1969 Shorter.

Committees

ROTC Board

Co-ordinator Helm, Professor of Military Science, and the following faculty members: 1971 Hester, 1970 Heath, 1969 Cook.

Schedule

Non-voting. Dean of the College, Registrar.

Voting. 1973 Dufort, 1972 Hendricks, 1971 Heath, 1970 J. G. May, 1969 Yearnis.

Scholarships and Student Aid

Dean of the College, Dean of Women, Director of Admissions, and the following faculty members: 1971 Owen, G. P. Williams; 1970 E. W. Hamrick, Seelbinder; 1969 Phillips, Talbert.

Student Affairs

Non-voting. President, Dean of the College, Dean of Women, Chaplain, Director of Concerts and Lectures.

Voting. 1971 Himan, Walhout, Zuber; 1970 Barnett, Dodson, Higgins; 1969 Kenion, J. G. May, A. S. Tillett.

Teacher Education

Parker, Stroupe, Wilson; 1971 Hendricks, J. C. McDonald; 1970 Barrow, Carter; 1969 Brown, Gentry.

Faculty Marshals

1970 Huber, 1969 Davis.

University Senate

President, Provost, Vice President for Business and Finance, Dean of the College, Dean of the School of Law, Dean of the Bowman Gray School of Medicine, Dean of the School of Business Administration, Dean of the Graduate School, Director of Libraries, Director of Development, and the following:

Representatives of Wake Forest College: 1971 Carter, Nowell; 1970 Mullen, J. E. Williams; 1969 Gentry, Kenion; 1968 Gross, Perry.

Representatives of the School of Law: 1971 Lee; 1969 Sizemore.

Representatives of the Bowman Gray School of Medicine: 1971 Strittmatter; 1970 Spurr; 1969 Goodman; 1968 Burt.

Representatives of the School of Business Administration: 1971 Scott; 1969 Hylton.

Representatives of the Graduate School: 1971 Flory; 1970 Via; 1969 Amen; 1968 Beck.

THE UNIVERSITY AND ITS EQUIPMENT

Historical Sketch

Historical Background. The history of the founding of Wake Forest College is inseparable from the history of the formation of the Baptist State Convention. One of the two main purposes which led to the organization of the convention in 1830 was to establish an educational institution that would give training under Christian influences and provide educated ministers and laymen.

Immediately after the formation of the Baptist State Convention, Dr. Samuel Wait, serving as agent for the Convention, began an intensive four-year educational campaign among the Baptists of the State. Two years later, in 1832, the Convention purchased from Dr. Calvin Jones a 600-acre farm sixteen miles north of Raleigh, to be used as a site for the proposed school.

Wake Forest Institute. Under the authorization of a charter granted by the State Legislature in December 1833, the school was opened as Wake Forest Institute on February 3, 1834, with Dr. Wait as principal. Although the primary purpose was to give collegiate instruction in the arts and sciences, for five years the Wake Forest Institute operated as a manual labor school, attracting liberal patronage from the large planters of the State, who wished their sons to receive practical training in agriculture, along with education in the liberal arts. In 1836 the enrollment had increased from the original 16 to 141.

The College. The manual labor feature was abandoned at the close of the year 1838, and the institution was rechartered in December 1838 as Wake Forest College.

With teachers who were graduates of Columbia

Historical Sketch

College, Brown University, and Dartmouth College, and with a liberal arts curriculum that was standard for the time, Wake Forest College conferred the degree of Bachelor of Arts upon four young men in June 1839.

From 1839 to 1894 the College operated exclusively as a college of liberal arts; the School of Law was established in June 1894, the School of Medicine in May 1902, the School of Business Administration in 1948, the Division of Evening Classes in 1957,* and the Division of Graduate Studies in 1961. In 1942 the College became co-educational.

The College has given instruction to many thousands of students and has sent them out into varied fields of service. Among these have been a large number of ministers, missionaries, lawyers, physicians, educators, writers, scientists, businessmen, farmers, and influential leaders in governmental affairs. From the beginning the College has made marked contributions to Christianity, to culture, and to a higher type of citizenship generally, in accordance with the original purpose of the founders of the institution.

In 1946 the Trustees of the College and the Baptist State Convention accepted an offer made by the Z. Smith Reynolds Foundation to give the College \$350,000 annually in perpetuity for operation of the school on condition that it be moved to Winston-Salem and that other friends of the College provide a campus site and buildings. This decision was made three years after the College had undertaken an Enlargement Program to provide much needed buildings and other physical facilities on the old campus.

The late Charles H. Babcock and his wife, the late Mary Reynolds Babcock, contributed a part of the beautiful Reynolda Estate for the new campus. Ground-

* This Division was discontinued June 30, 1964.

breaking ceremonies were held on October 15, 1951, with the President of the United States delivering the principal address. The following spring actual construction began. Accompanying the construction was intensive fund-raising. In 1955 the Z. Smith Reynolds Foundation increased its annual payments to the College to \$500,000. The actual move from Wake Forest to Winston-Salem took place in May and June of 1956. The Bowman Gray School of Medicine of the College had been moved to Winston-Salem in 1941 when it received the resources of the Bowman Gray Foundation.

Summer school opened on the new campus on June 18, 1956, the fall term on September 11 and formal dedication exercises were held on October 18. The old campus and buildings at Wake Forest were sold to the Southern Baptist Convention for use of the Southeastern Baptist Theological Seminary which now occupies the campus.

The University

By reason of the growth and development of the College, and because of the expansion of its program not only in its professional and graduate schools but also in the College of Arts and Sciences, the name of the College was changed to Wake Forest University, effective June 12, 1967.

Administration and Instruction. The University is governed by a Board of Trustees which is elected by the North Carolina Baptist Convention. The Board has thirty-six members who serve four-year terms, with nine being chosen each year at the annual convention.

During its history of 132 years the College has been headed by a total of ten presidents, the administrations of four of these (Dr. Washington Manly Wingate, Dr. Charles E. Taylor, Dr. William Louis Poteat and Dr.

Historical Sketch

Thurman D. Kitchin) covering a total of 88 years. The complete list of presidents,* with the dates of their administrations, follows:

Samuel Wait, D.D.....	1834-45
William Hooper, D.D., LL.D.....	1845-49
John Brown White, M.A.....	1849-54
Washington Manly Wingate, D.D.....	1854-79
Thomas Henderson Pritchard, D.D.....	1879-82
Charles Elisha Taylor, D.D., LL.D.....	1884-1905
William Louis Poteat, LL.D., Litt.D.....	1905-27
Francis Pendleton Gaines, Ph.D., Litt.D., LL.D.....	1927-30
Thurman D. Kitchin, M.D., LL.D., F.A.C.P..	1930-50
Harold Wayland Tribble, M.A., Th.M., Th.D., Ph.D., D.D., LL.D.....	1950-67
James Ralph Scales, M.A., Ph.D.....	1967-

The growth and progress of the College are due in no small degree to the leadership of its presidents† and to the faculty of instruction, many of whom have rendered distinguished service for 30 years or more. These include: Dr. William Bailey Royall, professor of Greek, 62 years; Dr. William Louis Poteat, Biology, 55 years; Dr. Benjamin F. Sledd, English, 50 years; Prof. Edgar W. Timberlake, Law, 50 years; Dr. J. Hendren Gorrell, Modern Languages, 45 years; Dr. Hubert McNeill Poteat, Latin, 44 years; Dr. Needham Y. Gulley, Law, 44 years; Dr. George W. Paschal, Classical Languages, 43 years; Dr. W. R. Cullom, Religion, 42 years. Dr. D. B. Bryan served as Professor of Education for 36 years and Dean of the College for 34 years. Mr. Elliott B. Earnshaw served as Bursar for 45 years. Of the present faculty, seventeen have served more than thirty years,

* During the years 1882-84, William Bailey Royall, B.A., M.A., D.D. (Professor of Greek), served as chairman of the Faculty.

† Those interested in more specific information are referred to the three-volume *History of Wake Forest College* by Dr. George W. Paschal.

including the following who became emeriti after serving thirty-five years or more: Prof. Hubert A. Jones taught Mathematics for 51 years; Dr. Henry Broadus Jones, English, 35 years; Dr. Ora C. Bradbury, Biology, 36 years; Dr. J. Allen Easley, Religion, 35 years; Prof. Kenneth T. Raynor, Mathematics, 35 years; Dr. A. C. Reid, Philosophy, 46 years; Dr. Charles S. Black, Chemistry, 41 years; Prof. Forrest W. Clonts, History, 44 years; Dr. Edgar E. Folk, English, 31 years; and Dr. Coy C. Carpenter, Medicine, 41 years. Mrs. Ethel Taylor Crittenden retired in 1946 after 31 years as Librarian. In a word, the University has enlisted and retained throughout their teaching careers men who have devoted themselves to the University and to its ideals of culture and Christian leadership.

Purposes and Objectives

As an institution founded by the Baptist State Convention of North Carolina, Wake Forest University seeks to shape its goals, policies, and practices by Christian ideals. It seeks to help its students become mature, well-informed and responsible persons. It seeks to introduce its students to the cultural heritage of our times, through a broad study of the humanities, the natural and social sciences and mathematics, and through a concentration in at least one academic discipline. It seeks to develop in its students the ability to think honestly and clearly, to use the English language correctly, and to use at least one foreign language effectively. It seeks to assist its students in building a system of values which takes full account of the things of the spirit as well as things material that they may become constructive and useful members of society. Finally, it seeks to aid its students in achieving for themselves a vital and relevant faith.

Religious Program

These purposes underlie the total academic program of the University. Through them the University seeks to prepare its students for careers in teaching, the ministry, law, medicine, business, research, and other professions.

Religious Program

Wake Forest University recognizes that to call itself Christian is to declare a purpose and express an ideal rather than to claim an accomplishment. It seeks to use failure to achieve perfection in this ideal as a challenge to intensify its efforts rather than as an excuse to lower its aim.

The University attempts to maintain a wholesome Christian atmosphere in which students are given every encouragement to develop their spiritual lives to the highest potential. The programs incident to this effort center in the office of the Chaplain to the University. The Chaplain seeks to interpret the place of religion in culture and society and, particularly, the significance of Christian Education. He seeks to minister to students and faculty in all ways. In addition, he serves the University in helping to develop effective communication with its constituency. The Chaplain's office also encourages students to translate their worship into effective Christian living. A varied program of activities is offered to challenge their interests and meet their needs.

A cooperative ministry is maintained in which several full-time and several part-time campus ministers are active. Except for the Chaplain to Baptist students, who is employed by the University, other members of the University Interdenominational Ministry are maintained by their several denominations. Under the general direction of the University Chaplain the Associated Denominational Chaplains work together as

a group in some of their ministries and as the particular advisor and counselor to students of their own denominations in others.

Wait Chapel, named for the first President who led the students in prayers and devotions twice daily from the beginning of the life of the College, is the center of the campus both physically and symbolically. It is a beautiful and inspiring testimony to the place of religion in the well-balanced life. Its beautiful sanctuary is the scene for twice-weekly assembly of the student body. Programs are under the direction of the University Chaplain, assisted by a committee of students who are selected for the task by their fellow students. The philosophy of the chapel is the philosophy of community and the programs attempt to reflect this philosophy, giving place to the interests, needs and opportunities of the community. Widely varied in nature, they provide worship opportunities for students and faculty, the presentation of great ideas within the context of spiritual values, the exposition of issues and personalities important to the current scene, and, in a very real sense, constitute one way in which the University keeps constantly before itself and its constituency its own proclamation of faith in and commitment to the Christian Gospel. While students are in no sense required to embrace any ideas and beliefs which may be presented in these programs, attendance is required by all students and their respectful and courteous attention is expected.

Traditionally, the student body has been cosmopolitan, not only in terms of the communities and states from which the students come, but also in terms of background, outlook and religious affiliation. Wake Forest believes in individual freedom, not as a right, but as a responsibility . . . freedom to be and, more important, to become. Attendance at Wake Forest is a privilege,

Endowment

not a right. The University's traditions and principles, accepted by each student in his act of voluntary registration, evolve from the core of this concept of freedom and responsibility that are indivisible. Therefore, it is presumed that the student who elects to come to Wake Forest does so with the intent of being, in fact and spirit, a cooperating member of this community.

In keeping with a tradition dating back to 1835, there is a Baptist church on the campus which meets in regular services each Sunday in the Chapel. This church provides all the ministries and services common to Baptist churches. Its membership is open with respect to race and it welcomes members from any Christian church, permitting where the individual desires it, such membership on an unrestricted basis without requiring that prior church relationships be severed. Though not officially a part of the University the church is a vital part of the University community and offers a most cordial welcome to faculty and students alike.

In addition, every encouragement is given to students to avail themselves of the ministries and opportunities provided by the churches of Winston-Salem.

Academically, the University has a Department of Religion, full information concerning which may be found elsewhere in this catalogue.* A minimum of six hours in Religion is required of all students for graduation.

Endowment

In 1865 the endowment fund of Wake Forest College was \$11,700, the remnant from the wreck of war. In 1876, through the efforts of Dr. C. E. Taylor and Mr. James S. Purefoy, about \$20,000 was added to the endowment. By January 1, 1884, Dr. Taylor had in-

* Religion 362 is made available through assistance from the Jewish Chautauqua Society.

creased the endowment to \$100,000 and had raised up a generous friend of the College in Mr. Jabez A. Bostwick, of New York City. In 1885 Mr. Bostwick created the Bostwick Loan Fund by a gift of \$12,000 and in 1886 made a further gift of \$50,000. In 1891 Dr. Taylor raised, by subscription and still another gift of Mr. Bostwick, the sum of \$40,000. Under the terms of the will of Mr. Bostwick, dating from February 1, 1892, the endowment was increased, in 1923, by stock valued at about \$1,500,000. From 1906 to 1910 Professor J. B. Carlyle undertook to raise \$150,000. Of this sum \$117,798.56 was realized, of which the General Education Board of New York contributed a fourth. More than \$100,000 was added by receipts from the Seventy-five Million Campaign and the pro rata contribution of the General Education Board. On November 20, 1925, Mr. B. N. Duke, of New York City, made a generous donation to the endowment of 1,000 shares of Duke Power Company stock valued at \$150,000. On August 3, 1939, the resources of the Bowman Gray Foundation were awarded to Wake Forest College, to be used exclusively by the School of Medicine.

The Chair of the Bible, known as the Albritton Chair of the Bible, is provided by a gift of \$25,000.00 contributed in 1919 by the children of the Reverend John T. Albritton and \$25,000.00 by the Eastern Baptist Association.

Under the terms of the will of Colonel George Foster Hankins of Lexington, North Carolina, who died in 1954, The George Foster Hankins Foundation was established, to be managed and controlled by The Trustees of Wake Forest College. The income of the Foundation is to be used for scholarships in aid of worthy and deserving students displaying promise and ability who might be denied a college education because of

Endowment

lack of means, with preference in the award of scholarships and loans to be given to applicants from Davidson County, North Carolina. The assets of the Foundation on June 30, 1967, was approximately \$1,500,000.

The Ford Foundation in 1956 made two gifts to the endowment of the College, the income from these gifts to be used for the support of faculty salaries. The sum of \$680,500 was allocated for salaries in the School of Arts and Sciences and \$1,600,000 for salaries in the Bowman Gray School of Medicine.

The Mary Reynolds Babcock Foundation made gifts, in 1958 and 1962, of the Reynolda Gardens and an endowment to maintain these gardens as well as to provide for the Babcock Professorship of Botany. The value of these grants was approximately \$1,500,000.

In 1965 the College received as a gift from the Mary Reynolds Babcock Foundation a tract of land lying just west of the campus, comprising 34 acres, on which a plant of the Western Electric Company is located. This gift, accompanied by a cash sum of money, is valued at \$3,500,000 and is to be used for the support of the Library and the Chair of Botany.

In 1965, 1966, and 1967 a gift totaling \$1,000,000, the income from which is to be used to support the Library, was received from Mrs. Nancy Reynolds Verney.

On June 30, 1967, the Board of Trustees established a pooled endowment fund. Funds participating in this pool were assigned units based on market values. New funds received will be assigned units in the same manner. At June 30, 1967, all endowment funds controlled by the University had a book value of \$17,685,000 and market value of \$34,079,000.

Trust Funds

On December 21, 1946, eighteen-thirty-fifths of the income from the James A. Gray Trust Fund was made available to the School of Medicine for the general furtherance of teaching and research.

The College holds a beneficial interest of one-fourth of the income of the Mary K. Fassett Trust Fund established by Dr. Burton W. Fassett of Durham, North Carolina, this interest to increase when the principal of the fund reaches a specified amount.

The College holds a beneficial interest of 41% of the income of the Lucy Teague Fassett Memorial Trust Fund, also established by Dr. Fassett, this interest to increase when the principal of the fund reaches a specified amount.

Z. Smith Reynolds Foundation

The Trustees of The Z. Smith Reynolds Foundation, Inc., and The Trustees of Wake Forest College entered into a contract on November 16, 1946, whereby the Foundation made available to the College income of the Foundation up to \$350,000 per year in perpetuity, this sum being increased to \$500,000 in 1955. The income so received was applied to the costs of construction on the new campus prior to the time of removal in 1956 and thereafter to the cost of operations. In 1965 the Foundation announced a matching grant of \$3,000,000 for a period of four years. Income from this grant is being added to the \$500,000 annual grant.

Buildings and Grounds

The physical equipment of the College includes about 320 acres of land and 17 buildings. There are, in addition, a president's home, ten faculty apartment build-

Buildings

ings housing seventy-two separate families, and two buildings containing fifty-six apartments for married students. Construction on the campus was begun in 1952 and it was occupied for the first time beginning with the summer session of 1956. The buildings are of modified Georgian architecture, constructed of Old Virginia brick and trimmed in granite and limestone. Situated on beautifully landscaped hills, the campus is one of the most attractive in the South.

The Reynolda Gardens annex, consisting of 148 acres and including Reynolda Woods and Reynolda Village, as well as Reynolda Gardens, is adjacent to the campus on the south. This tract includes a formal garden, greenhouses, parking areas, a lake, and a wooded area with trails. The formal garden features one of the finest collections of Japanese cherry trees in the United States. This area of natural beauty was a gift to the College from the Mary Reynolds Babcock Foundation through transfers made in 1958, 1961, and 1963.

Academic Buildings

Wait Chapel. Located at the head of the campus plaza is Wait Chapel, so designated in memory of the first President of Wake Forest College, Samuel Wait. Its spire towers two hundred and thirty feet into the air and its auditorium has a seating capacity of twenty-five hundred. A four-manual pipe organ and choir space for one hundred members are a part of the equipment. Wait Chapel faces toward the south, overlooking the plaza, with Reynolda Hall in the foreground and four large dormitories for men at right and left.

Wingate Hall. Attached to Wait Chapel on the northern end is a four-story building for the Department of Religion and for educational purposes of a campus church. This part of the building has been named in

honor of Washington Manly Wingate, President of Wake Forest College, 1854-1879. In addition to classrooms and offices for professors, there is the Paul Price Davis Meditation Chapel, equipped with pews and other facilities, for the use of small groups. There is also in the basement an assembly room accommodating about three hundred people and equipped with stage and dressing rooms.

Reynolda Hall. Located at the southern end of the plaza area and facing Wait Chapel is Reynolda Hall, administration and student center. A wing on the west end accommodates administrative offices of the College; a wing of similar size on the east end furnishes facilities for student organizations and activities. On the ground floor, facing south, is the cafeteria, equipped for seating at one time one thousand people and for serving four lines. Behind the cafeteria are kitchens, refrigeration units, and storage rooms. On the floor above are lounges and conference rooms. On the third floor are a large banquet room location of Magnolia room, and space used temporarily for classrooms and offices for professors. A fourth floor contains a number of classrooms.

The Z. Smith Reynolds Library. Situated at the center of the academic campus, this building contains space for eight tiers of book stacks, with a capacity for about one million volumes. Surrounding the book stacks are four floors of rooms for reading, reference, and various other uses of a modern library.

Salem Hall. Directly west of the Library, this three-story building contains laboratories, classrooms, and offices, as well as a large lecture room and ample storage space, for the departments of chemistry and physics.

Buildings

Winston Hall. This three-story building, just west of Salem Hall, was completed and occupied in September 1961. It provides classrooms, laboratories, faculty offices, seminar rooms, and a small auditorium for the departments of biology and psychology.

The W. N. Reynolds Gymnasium. Located just east of Reynolda Hall, this building is equipped with classrooms for instruction in physical education, courts for basketball and other indoor sports, a swimming pool, offices for members of the faculty of the Department of Physical Education and of the Department of Athletics. Here also, is housed the Department of Military Science. No provision is made in this building for large spectator facilities, since the near-by Memorial Coliseum will be used for intercollegiate basketball games and other indoor sports. On either side of the Gymnasium are sports fields and courts for tennis, handball, and volleyball.

Law Building. At the opposite end of the campus from Winston Hall is located the building for the School of Law. It is a four-story structure, containing classrooms, offices, a moot court, an assembly room, a library, a seminar room, a law review room, and a student lounge.

Harold W. Tribble Hall. Southeast of the Library, this is the first of two large classroom buildings to accommodate the social sciences and the humanities. It is a four-story building, containing classrooms, faculty offices, seminar and lecture rooms, a small projection theater, the philosophy library, and a main lecture room seating 200.

Residence Buildings

Dormitories for Men. Bordering the plaza area on the east and the west are four quadrangles of dormitories for men, with accommodations for fifteen hundred students. The dormitories are named in honor of Charles Elisha Taylor, William Louis Poteat, and Thurman Delna Kitchin, former Presidents of Wake Forest College, and Egbert Lawrence Davis, a benefactor of the College. Each quadrangle contains three main floors with open galleries overlooking the quadrangles. From these galleries are entrances to the suites of rooms each of which is occupied by a small group of students. Connecting the Poteat and Taylor Dormitories with the Chapel entrance are two wings, equipped to accommodate about one hundred students each. One of these wings is Efird Hall, in honor of Mr. J. B. Efird of Charlotte, and another, Huffman Hall, in honor of Mr. Frank Huffman of Morganton. Facing the plaza are a post office, a bank, a drug store, a book store, and a number of shops, all housed in these dormitories.

Dormitories for Women. At the southern end of the campus, facing Reynolda Hall, are three dormitories for women accommodating six hundred eight students, that on the east being named in honor of Mr. Jabez A. Bostwick, one of the chief benefactors of the College, that in the center being named Lois Johnson Dormitory in honor of Miss Lois Johnson, first Dean of Women of Wake Forest College, and that on the west being named Mary Reynolds Babcock Dormitory, in honor of the late Mrs. Charles H. Babcock, a chief benefactor of the College.

Both double and single rooms are available for students. A kitchen is located in each building. A central laundry service is provided in Bostwick and Johnson

Libraries

and launderettes in Babcock. A large lounge is located on the first floor of each building.

The Power Plant, connected by tunnels with all buildings on the campus, is located on a lower level northwest of the athletic fields. Attractive and modern in design, it is equipped with two massive boilers that furnish heat and hot water for all buildings, including the faculty apartments, and is the basis of the air-conditioning system installed in Wait Chapel, Reynolda Hall, the Z. Smith Reynolds Library, Winston Hall, Salem Hall, the Law Building, and the Gymnasium.

The Maintenance Building. Located in close proximity to the power plant to the south is the maintenance building for the purpose of making repairs and constructing many things essential to the operation of the various departments of the University.

Libraries

In its several libraries the University holds a total of 369,767 volumes. These are distributed as follows: the Z. Smith Reynolds Library (general), 284,613; the Library of the School of Law, 35,913; and the Library of the Bowman Gray School of Medicine, 49,241. Included in the above holdings are 35,817 volumes of United States Government documents, received principally by virtue of the status of the Z. Smith Reynolds Library as an official depository. A rapidly growing microtext collection is maintained, although its items have been counted in the above totals as if they were the equivalent volumes. At present there are approximately 8,084 reels of microfilm including runs of local, national, and foreign newspapers; and 91,196 items of microprint, including Cobbett's *Parliamentary Debates*, the *Hansard Debates*, the *British Sessional Papers. House of Commons*, and the *Journals. House of Commons*. Because of expanded

resources and a broadened program of acquisition the libraries of Wake Forest University now hold membership in the Association of Southeastern Research Libraries.

The volumes which constitute the Z. Smith Reynolds Library have been chosen mainly to develop a collection which will provide adequate support for a satisfactory liberal arts curriculum and a limited, although definitely expanding, graduate program. Some emphasis has naturally been placed on the accumulation of materials for the study of North Carolina and the Southeastern region. Because of the relationship between the University and the Baptist denomination, a Baptist Collection, now comprising more than 6,000 items and including files of Baptist serials as well as individual church records, is maintained.

In 1965 the Mary Reynolds Babcock Foundation of Winston-Salem donated to the University properties and other assets with a total value of about \$3,500,000, the income from which has been assigned to the expansion of library resources. This Library Endowment Fund was increased in 1967 by a gift of assets amounting to \$1,000,000 presented by Mrs. Nancy Reynolds Verney. Thus the Library enjoys the income from a fund of about \$4,500,000. This will be applied more particularly to the enrichment of the book stock as a stronger support for graduate studies.

Initially, a part of this added income is being used for certain needed improvements in the Z. Smith Reynolds Library building and in library services. Two additional stack levels have been finished and shelving installed. With the twenty-two additional carrels also provided, the Z. Smith Reynolds Library building now has five stack levels in service and 101 carrels available. On the ground floor two student reading

lounges have been comfortably furnished. In these lounges the art collection of the College Union is also displayed. More spacious quarters for the Periodicals Department have been arranged; and the room formerly occupied by this department has been allotted to the Baptist Collection, hitherto without a room of its own. Despite expenditures for physical improvements, a considerable sum will remain for the purchase of books and periodicals, a sum which will increase in later years when building changes have been completed.

Also in 1965 certain changes in procedure were inaugurated. An open-stack policy was established, enabling students to examine books in the stacks at will. Xerox copying service at a nominal cost has been introduced. On the assumptions that better arrangement of books will be achieved and more rapid book processing realized, considerable progress has been made toward the reclassification of the entire collection from the schedules of the Dewey Decimal to those of the Library of Congress Classification.

Both institutional and personal gifts have, from time to time, enriched the library collections of the University. A grant from the Carnegie Corporation made possible the acquisition of about 2,500 photographs and many books on painting, sculpture, and architecture. The late Mr. Tracy McGregor, through an arrangement shared by the University, provided means for the purchase of valuable editions of works relating to the colonial and early national periods of American history. A group of more than a thousand bookplates was donated by Mrs. Clara T. Evans of New York City. The late Dr. B. W. Spilman financed and encouraged the collection of titles by Wake Forest alumni.

The late Dr. Charles Lee Smith of Raleigh, bibliophile and alumnus, bequeathed his personal library, contain-

ing about 7,000 items rich in first editions, to the University. Funds from a bequest of his brother, the late Oscar T. Smith of Baltimore, have made possible the purchase of additional items of a like nature.

The Paschal Collection was established Christmas 1950 by George W. Paschal, Jr., 1927, Raleigh surgeon, in recognition of the interest in the Library manifested by his father, George Washington Paschal, and also in memory of his father's twin brother, Robert Lee Paschal. The Collection is regularly enlarged and, although heterogeneous in nature, primarily contains material relating to the humanities. The aim of the founder of the Collection is to add to the working efficiency of the Library. While this collection is principally supported by the donor, it has also received and welcomes contributions from interested friends. A special bookplate is used for items acquired for the Collection.

To assemble the more important editions of the works of Edmund Spenser, together with significant background titles, a sum has been contributed by Dr. Charles G. Smith of Baylor University in honor of his wife, Cornelia Marschall Smith. A fund established by the late Dr. Herman Harrell Horne is applied to the purchase of general titles of significance to undergraduate instruction.

The Library of the School of Law contains 35,913 volumes, including not only the reports, statutes, and digests required by the American Association of Law Schools but also the leading textbooks, encyclopedias, and periodicals.

The Library of the Bowman Gray School of Medicine is a collection of 49,241 volumes containing books, periodicals, and monographs necessary to instruction and research in medical theory and practice. More than 1,600 current periodicals, both domestic and foreign, are received.

The Spilman Philosophy Seminar houses a carefully selected group of books for the use of advanced students in philosophy. Although not supported by Library funds but based upon an endowment given by the late Dr. B. W. Spilman and upon the A. C. Reid Philosophy Fund, it forms a valuable part of the book resources of the University.

Library holdings of current issues and bound volumes of periodicals in chemistry and physics are shelved in Salem Hall for convenience of laboratory research in these areas.

The Library of the Military Science Department, which is located on the ground floor of the Gymnasium, has available for student use over 2,000 books and periodicals. In addition to major military conflicts involving the United States, the material covers such subjects as communism, the "Cold War," counter-insurgency and anti-guerilla warfare, as well as foreign policy, nuclear warfare, and space activities.

Art Museum

The Museum of Art is made up mainly of the T. J. Simmons Collection, presented to the College by the late Dr. Thomas Jackson Simmons of Gainesville, Ga., and formally opened to the public on June 2, 1941. Including some additions, there are about sixty paintings, thirty-five etchings and lithographs, five pieces of sculpture, and several other art objects in the collection.

The Museum was enriched in 1957 by three paintings from the Hammer Galleries given by Mr. Arnold Kirkeby, and in 1960 by two paintings given by Mr. Clark Hartwell and three by Mrs. April Ruth Akston. Nearly all of the paintings are hung in public areas of various buildings on the campus.

ADMISSION

A candidate for undergraduate admission to Wake Forest University must furnish testimonials of good moral character, must present evidences of educational achievement represented by graduation from an accredited public high school or an accredited private secondary school, and must present a score (senior year preferred) on the Scholastic Aptitude (Morning) Test of the College Entrance Examination Board. The record of the work done by the applicant in high school or in a private secondary school and the recommendations of the school official must be sent direct to the Director of Admissions of Wake Forest College (division of arts and sciences) by an official of the school, and the test scores must be sent from the test center. They may not be submitted by the applicant.

Information about the times and places at which the College Board test may be taken and an application for taking the test may be secured from the high school or from College Entrance Examination Board, Box 592, Princeton, New Jersey 08540.

Careful consideration will be given to the applicant's academic records, scores on tests, and evidences of character, purpose in life, and general fitness for college life. The College reserves the right to reject any application without explanation.

An applicant for admission who has attended another college must be a graduate of a standard junior college or must furnish a certificate of honorable dismissal stating that the applicant is eligible in all respects to re-enter the college last attended, and must have an overall average of at least C on all college work attempted.* These are minimum requirements for consideration.

* Please see academic requirements for graduation, especially for one who has attended more than one college before applying for admission to Wake Forest College.

Admission

The applicant should fill out and return as early as practical the student's part of the application, and should then give to the high school principal, superintendent, or other appropriate school official the other parts to be completed and sent to the Director of Admissions of Wake Forest College for the attention of the Committee on Admissions.

An application fee of \$10.00 to cover the cost of processing the application is required. This should accompany the application and will not be applied to later charges or refunded, in the event of failure to be admitted or of cancellation of the application.

If possible, the completed application should be sent at least eight months prior to the date on which the applicant hopes to enroll in Wake Forest College, but not before September 15 of the applicant's senior year in high school. Except in case of emergency, the final date for making application for the spring semester is January 15; for the fall semester, August 15.

The minimum prescribed requirements for admission to all degrees are as follows:

English	4 units
One Foreign Language	2 units
History (Social Studies)	2 units
Mathematics:	
Algebra	1½ or 2 units
Geometry	1 unit
Electives to bring the total to 16 units	

A student who is admitted from another college before fully meeting the minimum prescribed requirements outlined above for entering freshmen must remove the entrance conditions during the first year at Wake Forest.

When an applicant has received notice of acceptance for admission or re-admission to Wake Forest College, an admission deposit of \$50.00 must be sent to the Director

of Admissions of Wake Forest College not later than three weeks after the notice of acceptance is mailed. (Make checks payable to Wake Forest University.) Failure to pay this deposit within three weeks will be considered as indicating that the applicant does not intend to enter Wake Forest College. This deposit will be credited toward the applicant's college fees. It will be refunded, if the application for admission or re-admission is cancelled by the applicant and a written request for refund is received by the Director of Admissions of Wake Forest College not later than June 1 for the fall semester or November 1 for the spring semester. Refunds will not be made after these dates.

If a student is accepted for admission or re-admission after June 1 for the fall semester or after November 1 for the spring semester, the admission deposit is due within two weeks of the date of acceptance. Deposits made after June 1 and November 1 are not refundable.

No deposit is required of a student who expects to enroll for the summer session only.

The Early Decision Plan

This plan is available to well qualified high school students who at the close of their junior years have definitely decided that their first choice college is Wake Forest. An Early Decision Agreement is required with each application.

The application for early decision must be filed by October 1 of the applicant's senior year in high school. It must include the high school record through the junior year, scores on the Scholastic Aptitude Test of the College Entrance Examination Board and scores on three achievement tests (the Writing Sample is not acceptable): (1) English Composition, (2) Mathematics or foreign language, (3) one to be chosen by the ap-

Advanced Standing

plicant. Preferably, these tests should be taken in March or May of the junior year.

In early November, the Committee on Admissions will make decisions on completed applications. If an applicant is accepted, the required deposit must be paid not later than January 1. Those not admitted by early decision will be asked to submit a senior year Scholastic Aptitude Test score and the first semester's grades of their senior year, or they will be advised to apply elsewhere.

Advanced Placement

Wake Forest University recognizes college-level work done in high school by giving credit and placement on the basis of Advanced Placement Examinations of the College Entrance Examination Board and such pertinent supplementary information as may be available.

Exceptionally qualified applicants for advanced standing may receive exemption from some basic courses with credit on the authorization of the department concerned. For the purposes of computing quality point ratios, etc., credit gained by advanced standing examination is treated as credit transferred to Wake Forest College from another college.

Admission to Advanced Standing

Courses satisfactorily completed in other accredited colleges are accepted under the regulations that have been adopted by the faculty for the approval of such courses. In general, however, no credit is allowed for courses not found in the curriculum of Wake Forest College. All credits allowed for advanced standing are held in suspense until the candidate has spent one term in residence. The minimum residence requirement for a baccalaureate degree is two academic years—the senior year and one other.

UNIVERSITY CHARGES AND FINANCIAL ARRANGEMENTS

(Veterans: See statement on page 109)

General Statement. Statements in this Bulletin concerning expenses are not to be regarded as forming an irrevocable contract between the student and the University. The University reserves the right to change without notice the cost of instruction at any time within the student's term of residence.

Payment of Account. Charges are due in full not later than the date of registration and deferment after that date is not permitted. Charges may be paid either at that time or may be prepaid before the student's arrival on the campus. Information concerning prepayment will be mailed to all students prior to the beginning of each semester.

Those who cannot pay in accordance with the foregoing terms or who find it necessary to finance university charges on an installment basis may write to the Treasurer for information concerning the Wake Forest Monthly Payment Plan, which carries a small deferred payment fee. Information concerning college tuition financing plans may also be obtained from First-Citizens Bank and Trust Company, Charlotte, North Carolina, The Tuition Plan, Inc., 575 Madison Avenue, New York, N. Y. 10022, or Education Funds Inc., 10 Dorrance Street, Providence, Rhode Island.

Student Responsibility for Accounts. Each student is responsible for the settlement of his own account. Beginning on page 57 statements of charges are listed. The student is expected to meet the schedules of payment therefor and to settle promptly all bills rendered.

Faculty regulations require that a student's University

Charges

account must be settled in full before he is entitled to receive his grades, a transcript of his record, a diploma, or to register for the succeeding semester.

Withdrawal. Students withdrawing must follow the procedure set forth on page 100 and must present their identification cards to the Treasurer before any claim for refund may be considered. No refund of dormitory room rent is made. Refund of tuition and activity fee is made according to the following table:

Number of Weeks Attendance*	Percentage of Total Tuition and Activity Fee to be Refunded
1	Total tuition less \$50
2	85%
3	70%
4	55%
5	40%
6	25%
7	10%

Bank Accounts and Check-Cashing. Students will greatly facilitate their financial arrangements by opening a checking account with the Wake Forest office of the Wachovia Bank and Trust Company, located on the campus, since the University cannot undertake to cash checks.

Checks and money orders presented in payment of accounts should be made payable to WAKE FOREST UNIVERSITY.

A cafeteria is located in Reynolda Hall. Meals may be purchased individually or under an optional board plan. A student obtaining meals individually may expect to pay about \$600-\$700 for the school year. A.R.A. Slater School and College Services, which operates the University food service, offers a contractual board plan

* Counting from the first day of registration and fractions of a week to count as a full week.

arrangement whereby a student may cut his food expense at college by one-third. This is a prepayment plan to insure the student a well rounded diet of his own choosing. Both cafeteria and table service are available on this plan with a free choice of menu. For further details write to A.R.A. Slater School and College Services, Box 7393, Reynolda Station, Winston-Salem, North Carolina 27109.

Books and supplies are available at the College Book Store, located on the campus. The average cost for books is \$100 for the school year, depending on the courses for which the student is enrolled.

Laundry is arranged for privately. A laundry operated by a Winston-Salem firm is located in Charles E. Taylor Dormitory.

Wake Forest College and School of Business Administration

Charges for the Regular School Year

All charges are due and payable at registration.

<i>MEN</i>	<i>Per Semester</i>	<i>Per Year</i>
Tuition ¹	\$550	\$1,100
Activity Fee ²	75	150
Dormitory Room Rental (double room each)	130	260
	\$755	\$1,510
Other Room Rentals (per semester):		
Single Room	\$155	
Double Room Occupied as Single . .	180	
Triple Room (each)	95	

¹ Part-time students (those enrolled for less than 12 semester hours) pay a flat charge of \$45.00 per semester hour in lieu of tuition. Part-time students are not entitled to claim the designated scholarships listed on page 78 nor are they entitled to free admission to athletic contests, receipt of publications or infirmary privileges, as are full-time students.

² The activity fee is not charged to part-time students.

Charges

<i>Women</i>	<i>Per Semester</i>	<i>Per Year</i>
Tuition ¹	\$550	\$1,100
Activity Fee ²	75	150
Dormitory Room Rental (double room each).....	140	280
	\$765	\$1,530

Other Room Rentals (per semester):

Single Room.....\$165

Double Room Occupied as Single.. 190

Deduct admission deposit or reservation deposit (\$50.00 each) from above charges, if such deposits are paid. See Pages 52, 61.

The activity fee covers the cost of such items as would normally require the payment of a fee, namely, libraries, laboratories, admission to all intercollegiate athletic contests at Wake Forest University (when student activity book is presented), and to certain student activities, including religious and dramatic organizations, the College Union, cost of student publications, consisting of the yearbook, *The Howler*, the student newspaper, *Old Gold & Black* and a literary magazine *The Student*. It further provides for the attendance of the University physician and nurses in the University hospital for temporary emergencies.

Charges for the Summer Session

A bulletin of the Summer Session is published in March of each year and may be obtained by writing the Dean of the Summer Session, Box 7293, Wake Forest University, Winston-Salem, North Carolina 27109. This bulletin should be consulted for detailed information concerning charges and courses.

¹ Part-time students (those enrolled for less than 12 semester hours) pay a flat charge of \$45.00 per semester hour in lieu of tuition. Part-time students are not entitled to claim the designated scholarships listed on page 78 nor are they entitled to admission to athletic contests, receipt of publications or infirmary privileges, as are full-time students.

² The activity fee is not charged to part-time students.

Charges

All charges are due and payable at registration.

	<i>First Session</i>	<i>Second Session</i>	<i>Total</i>
Summer School Fee ¹ . . .	\$ 90.00 ²	\$ 90.00 ²	\$180.00
Dormitory Room Rental	30.00	30.00	60.00
TOTAL	\$120.00	\$120.00	\$240.00

School of Law

The Bulletin of the School of Law should be consulted for information as to expenses. Requests therefor should be addressed to the Dean of the Law School, Wake Forest University, Winston-Salem, North Carolina 27109.

Bowman Gray School of Medicine

The Bulletin of the Bowman Gray School of Medicine should be consulted for information as to expenses. Requests therefor should be addressed to the Dean of the Bowman Gray School of Medicine of Wake Forest University, Winston-Salem, North Carolina 27103.

Graduate School

The Bulletin of the Graduate School should be consulted for information as to expenses. Requests therefor should be addressed to the Dean of the Graduate School, Wake Forest University, Winston-Salem, North Carolina 27109.

Other College Charges

Information concerning the charges listed below will be found immediately following the table.

*Admission Application Fee \$10.00

*Admission Deposit 50.00

¹ Part-time students (those enrolled for 3 semester hours or less) pay a flat charge of \$15.00 per semester hour plus a \$5.00 registration fee.

² No scholarships are available in the summer session, except that the charge to public school teachers is \$65.00 per session when duly authorized by the Dean of the Summer Session.

* Not required in the Summer Session.

Charges

Applied Music.

(Amounts shown are per semester):

One hour lesson per week . . . \$80.00

One half hour lesson per week 50.00

Class instruction (maximum fee
per student) \$30.00

Practice fees range from .5.00 to 14.00

Dormitory Damage and Repairs

As charged by Director of Residences

Graduation Fee (Arts and Sci-

ences, Business Administra-
tion 15.00

Graduation Fee (Graduate and
Law) 25.00

Hospital Bed and Board Charge 6.00 to 10.00 daily

Key Deposit 3.00 each

Library Fines As charged by Library

*Reservation Deposit 50.00

Room Change Fees:

Authorized Changes 5.00

Unauthorized Changes 20.00

ROTC Deposit 20.00

Special Examination 2.50

Student Apartment Rental 60.00 monthly

Traffic Fines:

Vehicle Registration Fee 10.00

Unregistered Vehicle 10.00 per violation

Illegal Parking 2.00 per violation

Trailer Park Rental:

Per Semester \$30.00

Per Summer Term 10.00

Transcripts (first copy is free) . . 1.00 each

Admission Application Fee. Required with each appli-

* Not required in the Summer Session.

cation for admission to the School of Arts and Sciences to cover costs of processing. Non-refundable.

Admission Deposit. Required of each student entering for the first time, or re-entering after a period of non-attendance, the College and the School of Law. Must be sent to the Director of Admissions (or to the Treasurer, in the case of law students) within three weeks after acceptance for admission or re-admission. The deposit is credited to the student's University charges for the semester for which he has been accepted for admission. It is refunded if the Director of Admissions (or the Dean of the School of Law in the case of law students) is notified in writing prior to June 1 for the fall semester and November 1 for the spring semester, of cancellation of plans to enter. No officer of the University has authority to modify these refund dates.

Applied Music. Required in addition to tuition of students enrolling for individual or class study in applied music as described in the offering of the Department of Music. Payable in the Treasurer's office not later than November 1 and March 1, respectively, for the fall and spring semesters.

Dormitory Damages and Repairs. The student is charged for damage to his room or university property in accordance with Dormitory Rule 4 appearing on page 67. These charges may be appealed to the Board of Dormitory Damage Appeals if the student feels they are not merited.

Graduation Fee. Required of all students who are candidates for degrees, whether or not they are present for the graduation exercises, and must be paid prior to the date of graduation. Covers the cost of diploma,

Charges

academic costume, and other expenses pertaining to graduation.

Hospital Bed and Board Charge. Charged to students when confined to the University Hospital. An additional charge is made for special surgeon or special nurse, when their services are required, and for special and expensive drugs. The provision for hospital service and the attendance of a physician applies to the student only and cannot be extended to members of his family.

Key Deposit. Required for each key issued to a dormitory room or student apartment. Refunded when key is returned to the Director of Residences.

Library Fines. Charges for overdue and lost books and for violation of other Library regulations. Payable in the Library.

Reservation Deposit. Students enrolled in the spring semester who expect to return for the next regular session beginning in September are required to pay a reservation deposit at a date set by the Treasurer. It is credited to the student's university charges and will be refunded under the same conditions specified for the admission deposit, except that refunds will be made if requested prior to June 30.

An undergraduate student who fails to pay the \$50 reservation deposit at the required time (see calendar on page 3) during the spring semester shall not be eligible to register for the next fall semester.

Room Change Fees. A charge of \$5.00 is incurred for authorized room changes made after October 1 in the fall semester, after February 15 in the spring semester, and after the first week of each summer session. An authorized room change is one which has been made

with the permission of the Director of Residences or the Dean of Women, as appropriate. A fine of \$20.00 is incurred for any unauthorized change.

ROTC Deposit. Required of each student enrolled in ROTC before equipment may be issued to him. Refunded at the end of the school year or upon withdrawal from the course, less any loss or damage, fair wear and tear excepted. If loss or damage exceeds \$20.00 the deposit is forfeited, and the student is responsible for the excess over \$20.00.

Special Examination. Required for each special examination taken to remove a course condition.

Student Apartment Rental. Required to be paid monthly in accordance with written lease executed for the apartment between the student and the Director of Residences acting on behalf of the University.

Traffic Fines. Assessed against students violating parking regulations, copies of which are obtainable from the Traffic office. May be appealed to the Board of Traffic Appeals.

Trailer Park Rental. Required to be paid in accordance with written lease executed for university trailer park space between the student and the Director of Residences acting on behalf of the University.

Transcripts. The first copy of a student's record is issued for him without charge. Requests for subsequent copies should be made to the Registrar by the owner of the record, and should be accompanied by a remittance of one dollar for each copy desired.

Housing

Food Services

Three types of food services are offered to the students of Wake Forest University—cafeteria, grill, and table service. The cafeteria menus feature a multiple choice planned and supervised by a trained home economist. The grill with its soda shop operates until 10:30 p.m. in the evening and is a favorite spot for students to gather. The Magnolia Room is the table service dining room giving the students a quiet place to enjoy eating and offering a menu with greater variety, as well as foods prepared to order. The average student spends from \$2.00-\$3.00 per day for food, exclusive of soda shop purchases, but a board plan is available (page 56).

Housing

All unmarried undergraduate students who do not live in Winston-Salem or near Winston-Salem with their parents must live on the campus unless given permission in writing to the contrary by the Dean of Men or the Dean of Women.

Student Apartments and Trailer Park

An apartment building containing fifty-six apartments is located on the northwest edge of the campus. A trailer park containing fifty-five spaces is located on the east side of the campus. The apartment and trailer park are available for married couples, who must actually reside therein.

Application for apartment and trailer space must be made to the Director of Residences, who maintains a waiting list. Assignment is made in order of priority of application, and a lease is executed by the student and the University.

Apartment and trailer space is available only to bona fide students of Wake Forest University.

Rooms—Men

The rent is \$130.00 per semester per student due and payable at registration and may not be deferred. The rental for a single room is \$155.00 per semester and for a double room occupied as a single room \$180.00 per semester. When three persons occupy the room, the charge is \$95.00 per occupant. Room rental is not refunded upon withdrawal.

See below for the rules governing the use of dormitory rooms.

Rooms—Women

Married women students are not ordinarily permitted to live in the dormitories. Single women students in the professional schools may live in quarters approved by the Dean of Women.

The assignment of rooms to women students is made by the Dean of Women after admission requirements have been completed. Notification of assignments is generally made in the summer preceding the opening of the session in September.

The rent is \$140.00 per semester per student, due and payable at registration, and may not be deferred. The rental for a single room is \$165.00 per semester and for a double room occupied as a single room \$190.00 per semester. Room rental is not refunded upon withdrawal.

See below for the rules governing the use of dormitory rooms.

Dormitory Rules

The following rules apply to the use of dormitory rooms:

1. The period for which rooms are rented is one semester; however, any student remaining in the same room for the second semester will not need to sign a

Dormitory Rules

new room contract as the contract provides for automatic renewal to cover the room assignment for the second semester. The University reserves the right to change or cancel room assignments in the interest of order, health, discipline, or other urgent reasons.

Each student, in accepting his/her assignment, agrees to abide by the room contract, the Constitution of the Student Body, and the dormitory regulations printed on the reverse side of the contract, and to permit, in his presence, duly authorized personnel to inspect his room and any effects in such room. In the student's absence, such inspection of the room and its effects may be carried out by at least two duly authorized University employees. Authorized personnel may enter rooms at any time to check for cleanliness or to make necessary repairs, or when it appears to the University that the safety of the students is endangered or where property damage is involved.

2. All payments for room rent are made at registration. Room rental is not refunded upon withdrawal. The occupant may not sublet the room to another student.

3. A woman student may exchange her room only with the advance written approval of the Dean of Women. A non-fraternity man may exchange his room only with the advance written approval of the Director of Residences. A fraternity man living in a fraternity section must follow the procedure outlined in the fraternity contract.

A charge of \$5.00 will be incurred for authorized room changes made after October 1 in the fall semester and after February 15 in the spring semester. (A charge of \$5.00 will be incurred for all authorized changes made after the first week of summer school.)

A fine of \$20.00 will be incurred for an exchange made otherwise.

4. The student will be charged for any damages which occur to his room or furnishings, for any damages on a pro rata basis which may occur to his suite, and for all damages caused by his neglect, misuse, or abuse of any part of the university property. Any student may appeal his dormitory damage charge to the Board of Dormitory Damage Appeals.

5. University furniture or furnishings are not to be moved from the room in which they have been placed by the University.

6. All residents must secure keys for dormitory rooms at the Office of the Director of Residences. All issues and exchanges must be made at the office. The use or possession of an unauthorized key is forbidden. A deposit of \$3.00 is required for a key, and this may be recovered by returning the key to the Director of Residences when leaving school. All keys must be returned, even though the student plans to occupy the same room for the summer session or for the ensuing fall semester. Failure to return a room key under these circumstances leaves the student liable for any damages which may occur to the room or suite.

7. The dormitories will open at 9:00 a.m. on the first day of the fall semester. The dormitories will be closed at noon on the first day of the Christmas holidays and will reopen at noon on the last day of the Christmas holidays. The dormitories will close at noon on the day after Commencement Day. Dormitories will be open at 2:00 p.m. on the day prior to the opening of the summer session and will close at 6 p. m. on the day the summer session ends. During Commencement Week, students not graduating are expected to leave for home within twenty-four hours after their last examination unless they obtain special permission from the Director of Residences or the Dean of Women, as appropriate,

Regulations

to remain longer. Occupancy of a room otherwise may be permitted only in an extreme emergency and must have the written approval of the Director of Residences or the Dean of Women, as appropriate, for which a charge of \$1.00 will be made for each day or fraction thereof.

8. The University assumes no liability for loss or damage to personal property.

Regulations

1. Only bona fide students of Wake Forest University may reside in the dormitories.

2. The University furnishes the principal articles of furniture. One additional small chest, table or chair may be allowed. Rugs are not allowed. Lamps and curtains or draperies (installed according to University regulations) are permissible. Furnishings are not to be used for other than the intended purpose and beds are not to be disassembled. Each student will supply his own linen (for single beds), desk lamp and bulbs, and wastebaskets.

3. Curtains, draperies, pictures, pennants and clip-pings must be hung from the picture molding and not tacked or pasted on walls or woodwork.

4. Trunks and heavy luggage should be stored in trunk rooms.

5. No electrical or other type of equipment may be kept or used in a room which will in any way damage the room or its furnishings or which will interfere with the normal operation of lights, outlets, etc., which operate on the same circuit. No window fans or air conditioning units may be installed without the written permission of the Director of Residences. No cooking

or refrigerating equipment or electric irons may be kept or used in a room.

6. It is forbidden to possess or use on the campus of this University any intoxicating liquors, wines or beer or any fire crackers or other explosives. Contraband will be confiscated. Any form of gambling is forbidden. Animals or fowl are not allowed in the dormitories.

7. Firearms are prohibited in the dormitories or on the campus except for instructional purposes connected with the ROTC unit.

8. Playing football, baseball, softball, golf, or any other sport is forbidden in the dormitory areas and must be confined to designated areas.

9. Women are not permitted in the dormitory section of men's dormitories.

10. The use of dormitory rooms as sales offices or storerooms, or the solicitation of sales or gifts within the buildings or grounds, is prohibited without permission of the Dean of Men or Dean of Women.

11. No aerials of any type may be installed on any University buildings without the prior written permission of the Director of Physical Plant.

12. Students are expected to cooperate with the campus guards and to identify themselves upon the request of a guard. Failure to do so will be construed as misconduct.

13. Each student is expected to display his name in the cardholder on the door.

14. Application for repairs should be made to the Housekeepers or at the office of the Director of Residences.

15. Any student who moves from any dormitory

Regulations

room relinquishes all rights to any further use of the room.

16. Students are expected to refrain at all times from making excessive noise, either in person or by radios, record players or other instruments capable of causing noise. Students shall not in any way interfere with the comfort or rights of other students.

17. Students who fail to comply with these regulations may forfeit their right to live in the dormitory.

SCHOLARSHIPS, LOAN FUNDS AND STUDENT EMPLOYMENT

By regulation of the Board of Trustees, all scholarships must be approved by the Committee on Scholarships and Student Aid of Wake Forest College (division of arts and sciences). The Committee requires that applications for scholarships be made on forms obtainable by addressing the Committee at Box 7305, Winston-Salem, N. C. 27109.

Scholarships supported by funds of the College are not granted to students enrolled in the professional schools of law and medicine.

To receive consideration for a scholarship the applicant must either be a registered, fulltime student in Wake Forest College or have been accepted for admission.

Need is a factor in the award of virtually all scholarships, and each applicant must file a financial statement as part of his application for the scholarship.

The Committee reserves the right to revoke any scholarship for unworthy achievement.

No scholarship is automatically renewable. Application must be made each year.

Applicants should submit applications sufficiently early so that final action will have been taken before the beginning of the school year.

Special regulations govern the use of the Ministerial Aid Fund.

Scholarships

The Alpha Phi Omega Scholarship. Established by the Kappa Theta Chapter of Alpha Phi Omega, National Service Fraternity, this scholarship is available to a male freshman student who presents evidence of need and an excellent high school record. A minimum of \$200.00 is available.

Scholarships

Junius Calvin Brown Scholarship. Donated by Mr. Junius Calvin Brown of Madison, North Carolina, in honor of his wife, Eliza Pratt Brown, the fund shall be used to assist needy, worthy, and deserving students from North Carolina, with preference being given to students from the town of Madison and Rockingham County. The maximum value is \$1,200.

Burlington Industries Scholarship. Donated by Burlington Industries Foundation, this scholarship is available to one who has junior standing, has done all previous work at Wake Forest and has an average of 3.0 or better. Leadership, scholarship, and need are considered in making the award. The value of the scholarship is \$1,000.00, with half of this amount available in each of the junior and senior years.

The J. G. Carroll Memorial Athletic Scholarship. A fund donated in memory of Professor J. G. Carroll, former Associate Professor of Mathematics. The award will be made to some deserving athlete who is not on a regular athletic scholarship. The value of this scholarship is approximately \$100.

College Scholarships. These scholarships, in the amounts of \$100 to \$1,000 each, are available to freshmen and upperclassmen presenting satisfactory academic records and evidence of need.

Devotion Foundation Scholarship. Donated by the Devotion Foundation, this scholarship is to be used for those needy students who have a keen interest in and high aptitude for the subject of mathematics and its related interests. The value of this scholarship is up to \$2,000.

The Lecausey P. and Lula H. Freeman Scholarship. Donated by Mr. and Mrs. G. H. Singleton, Raleigh,

North Carolina, in memory of the parents of Mrs. Singleton. One scholarship is available to a student who may be a freshman, sophomore, or junior, and whose home is within the West Chowan Baptist Association of North Carolina with preference to Bertie County students, on the basis of need and ability. If no qualified applicant appears from the West Chowan Association, then residents of the Roanoke Association may be considered. The scholarship is renewable on the basis of need and ability for all school years except the senior year. The value of this scholarship is approximately \$200.

James W. Gill Scholarship. Donated by Mrs. Ruth R. Gill in memory of her husband, James W. Gill. The fund provides a scholarship for a deserving student, with preference to students from Montgomery and Prince George's Counties, Maryland. The value of this scholarship is approximately \$600.

Fuller Hamrick Scholarship. Created under the will of the late Everett C. Snyder of Wake Forest, North Carolina, in memory of Fuller Hamrick. The income from this fund shall be used to educate boys and girls from The Mills Home in Thomasville, North Carolina. Value of this scholarship is approximately \$500.

George Foster Hankins Scholarships—Freshmen. These scholarships were made possible by the late Colonel George Foster Hankins of Lexington, N. C. Applicants must be residents of North Carolina or children of Wake Forest alumni residing in other states. Preference will be given to residents of Davidson County, North Carolina. Only high school seniors are eligible to compete and must request the necessary application forms before December 1 of their senior year. The value of these scholarships will range up to \$2,000.

George Foster Hankins Scholarships—Upperclassmen. Upperclassmen are eligible for Hankins Scholarships. However, they must have been enrolled in Wake Forest College for at least one semester before they may apply as upperclassmen. Applications must be on file with the Scholarships Committee no later than May 1 of each year for the following school year, and preference will be given to applicants from Davidson County, North Carolina. The amount of the award will vary according to the student's need as determined from the financial statement required to be submitted with his application.

Frank P. Hobgood Scholarship. This scholarship, donated by Mrs. Kate H. Hobgood of Reidsville, North Carolina, in memory of her husband, is available to those who qualify on "the basis of character, purpose, intelligence, and need, with preference being given to those who plan to enter the ministry, do religious work, become teachers, or become lawyers, the preference being in the order named." Applicants must be legal residents of the city of Reidsville or live within 10 miles of that city and must be recommended by the deacons of the First Baptist Church of Reidsville. The value of this scholarship is \$500.

Junior College Scholarships. One scholarship is available each year to a graduate of each of the junior colleges of the North Carolina Baptist State Convention, in the amount of \$150. The recipient must rank in the upper one-fourth of the junior college graduating class. Awarded only on the recommendation of the president of the junior college.

Thurman D. Kitchin Scholarship. Donated by the Interfraternity Council in memory of the late Thurman D. Kitchin, President of Wake Forest College

from 1930 to 1950, it is available to a male freshman student presenting a high school record of superior grade and evidence of need. The value of this scholarship is approximately \$300.

Norfleet Scholarship. Donated by Mr. Eustace Norfleet of Wilmington, North Carolina, in memory of his parents, John A. and Mary Pope Norfleet, five scholarships are available in the amount of \$200 each to "deserving and promising students desiring to attend Wake Forest College and needing financial assistance."

Dorothea van Deusen Opdyke Fund. This fund is a bequest left to the Southern Baptist Convention by Mrs. Ida Reed Opdyke of Jamestown, New York, as a memorial to her daughter, Dorothea van Deusen Opdyke, and is to be used for the education of mountain people. Awards are made by the Opdyke Scholarship Committee of the Southern Baptist Convention upon the recommendation of the University. Ordinarily, two scholarships in the amount of \$150 each are available each school year.

Benjamin Wingate Parham Scholarship. This fund was donated by Mrs. Kate J. Parham of Oxford, North Carolina, in memory of her husband. One full scholarship shall be awarded in each school year on the basis of both ability and need. It may be renewed for succeeding years.

Thomas F. Pettus Scholarships. Administered by the North Carolina Baptist Foundation, Inc., under the terms of the will of the late Thomas F. Pettus of Wilson County, North Carolina, this fund makes two or more scholarships available each year in memory of Mr. Pettus. These scholarships are to be awarded by the college on the basis of merit and need with preference to North Carolina Baptist students.

William Louis Poteat Scholarships. Five scholarships will be awarded annually to the graduates of the Baptist junior colleges in North Carolina. Each scholarship will range up to \$500 depending on need as determined from a financial statement submitted by each applicant with the application. It may be renewed for the senior year.

Oliver D. and Caroline E. Revell Memorial Scholarship Fund. Created under the will of the late Oliver D. Revell of Buncombe County, North Carolina, this fund makes available \$100 per year to one person preparing for the ministry or full-time religious work.

Kate B. Reynolds Memorial Scholarships. Donated in memory of the late Mrs. Kate B. Reynolds. Applicants must be residents of Forsyth County, North Carolina, who without financial aid would be unable to obtain education beyond high school. Preference will be given to men. Four scholarships of \$500 each are awarded.

A. M. Pullen and Company Scholarship. The A. M. Pullen and Company, Certified Public Accountants, grants to an outstanding upper division accounting major an annual tuition scholarship of \$600. The recipient, to be designated by the Dean of the School of Business, is selected on the basis of merit, financial need, and interest in public accounting.

ROTC Scholarship. Two and four-year ROTC scholarships are available to students who are motivated toward the Army. Applications for four-year scholarships are submitted by high school seniors in the late fall to the Commanding General of their respective Army area. ROTC sophomores at the University apply to the Professor of Military Science for two-year scholarships covering the normal junior and senior years. Each scholarship recipient commits himself by contract

to a special military obligation and receives full tuition, fees, books and classroom material, and a payment of \$50 a month for the regular school year. Once awarded, scholarships remain in effect throughout the contract period subject to satisfactory academic and ROTC performance.

The Saddye Stephenson Sykes Scholarship. Donated by Dr. Charles L. Sykes and Dr. Ralph J. Sykes in memory of their mother, Mrs. Saddye Stephenson Sykes, one scholarship will be awarded each year on the basis of Christian character, academic proficiency, and financial need. Preference will be given to freshmen from the State of North Carolina. It may be renewable each year. The value of this scholarship is approximately \$400.

Western Electric Scholarship. Donated by the Western Electric Fund, this scholarship may be awarded to an undergraduate on the basis of leadership, scholastic attainment, and financial need. Value, up to \$800.

Jesse A. Williams Scholarships. Created under the will of the late Jesse A. Williams of Union County, North Carolina, this fund provides scholarships in amounts of up to \$1,200 per year. Preference will be given to deserving students of Union County.

Charles Littell Wilson Scholarship. Created under the will of Mrs. Jennie Mayes Wilson in memory of her husband, the late Charles Littell Wilson, this fund makes available one freshman scholarship each year ranging from \$200 to \$600.

William Luther Wyatt, III, Scholarship Trust. This fund was donated by Mr. and Mrs. William L. Wyatt, Jr., of Raleigh, North Carolina, in memory of their late son, William Luther Wyatt, III. The purpose of

Loan Funds

this fund is to award one or more scholarships in each school year to a student, preferably to a male student entering the junior year, who has shown an interest and an ability in the field of biology. The award shall be based on both the need and the ability of the student. The value of this scholarship is approximately \$500.

Designated Scholarships for:

Ministerial Students. Granted on the following conditions: (1) Written recommendation or license to preach authorized by the applicant's own church body and (2) signature by the applicant of an agreement to pay the amount of the scholarship, with interest, in the event that he does not serve five years in the pastoral ministry within twelve years from the last date of attendance at Wake Forest, subject to cancellation in the event of death. Value, up to \$300.00.

Children of Ministers. Awards to those whose fathers make their living chiefly by the ministry. Value, up to \$150.00.

Rehabilitation Students. Awarded to physically handicapped students who have (1) secured the necessary letter of approval from the North Carolina Division of Vocational Rehabilitation, Raleigh, and (2) filed application for the scholarship. Value, up to \$300.00.

Students' Wives. Awarded to wives of students in Wake Forest University for not more than four school years or the equivalent. Becomes void if the husband ceases to be enrolled. Value, up to \$150.00.

Loan Funds

James E. and Mary Z. Bryan Foundation Student Loan Plan. Established by Mary Z. Bryan, in 1953, as a memorial to her husband and administered by the Col-

lege Foundation, Inc., in Raleigh. North Carolina students may borrow up to \$1,000.00 per academic year.

Bushnell Baptist Church Loan Fund. Established in 1945 with funds supplied by the Bushnell Baptist Church of Fontana Dam, North Carolina, for needy students.

Council Fund. Established in 1935 by Mr. C. T. Council of Durham, North Carolina, for the aid of senior students.

James W. Denmark Loan Fund. This fund was originated by the late James William Denmark of Dudley, North Carolina, in 1875, and is available to qualified students after at least one semester's work in the University. Preference is given to students from North Carolina. The amount available does not exceed \$800 each year and \$2,400 during the entire period of enrollment.

Olivia Dunn Student Loan Fund. Established under the will of Miss Birdie Dunn of Wake County, North Carolina, in memory of her mother, to be used as a loan fund for worthy students.

Duplin County Loan Fund. This loan fund was donated in 1942 by friends of the College who wish to remain anonymous and is limited to students from Duplin County, North Carolina.

Elliott B. Earnshaw Loan Fund. Established by the Board of Trustees of Wake Forest College as a memorial to the late E. B. Earnshaw, Bursar of Wake Forest College.

Friendly Student Loan Fund. The fund was established in 1948 by Miss Nell E. Stinson of Raleigh, North Carolina, in memory of her sister, Mary Belle Stinson

Loan Funds

Michael, for the benefit of worthy students who need financial aid.

Grover Carroll Loan Fund. Donated by Lt. Col. and Mrs. Robert C. Wells in memory of the late James Grover Carroll, Associate Professor of Mathematics at Wake Forest College, the sum of \$1,000 is available, the principal and interest of which may be loaned at 4% interest to worthy students who would otherwise be unable to completely finance a college education.

George Foster Hankins Loan Fund. Established under the will of the late Colonel George Foster Hankins of Lexington, North Carolina, with preference to be given to applicants from Davidson County, North Carolina.

Harris Memorial Loan Fund. Established by the late J. P. Harris of Bethel, North Carolina, in memory of his first wife, Lucy Shearon Harris, and his second wife, Lucy Jones Harris, for students who have demonstrated ability to apply educational advantages to the rendition of enriched and greater Christian service in life and whose circumstances require financial assistance in order to prevent disruption in their educational program.

Thomas M. Hunter, Jr., Memorial Scholarship. Established in 1948 by Mr. and Mrs. Thomas M. Hunter of Fayetteville, North Carolina, as a loan scholarship in memory of their son. The loan scholarship is available for students enrolled in the Bowman Gray School of Medicine who are preparing to become medical missionaries.

Edna Tyner Langston Fund. This fund, established in 1942 by Dr. Henry J. Langston of Danville, Virginia, in memory of his wife, is available to a student agreed upon by the donor and the college.

The National Defense Student Loan Program. This fund, created under the National Defense Education Act of 1958, makes available loans up to \$1,000 per year for students in need of financial assistance. The law further provides that special consideration in the selection of loan recipients be given to all students with a superior academic background.

North Carolina Bankers Student Loan Plan. Established by the North Carolina Bankers Association, in 1962, at the request of Governor Terry Sanford and administered by the College Foundation, Inc., in Raleigh. North Carolina students may borrow up to \$500.00 per academic year.

Watts Norton Loan Fund. Established in 1949 by Mr. L. Watts Norton of Durham, North Carolina. For the benefit of worthy young people attending the School of Religion who need financial assistance.

The Powers Fund. This fund was endowed by Dr. Frank P. Powers of Raleigh, North Carolina, in 1944 as a memorial to his parents, Frank P. and Effie Reade Powers, and is for the benefit of needy students, with preference given to orphans.

Grover and Addy Raby Loan Fund. Established in 1945 by Dr. J. G. Raby of Tarboro, North Carolina, in memory of his parents. Preference is given to applicants from the First Baptist Church of Tarboro.

James F. Slate Loan Fund. Established in 1908 by the late J. F. Slate of Stokes County, North Carolina, and is available for ministerial students who have been licensed to preach.

Ministerial Aid Fund

The Ministerial Aid Fund was established in 1897 through a bequest from the estate of the late J. A. Melke and has been added to from time to time.

Funds are available to ministerial students on either a loan or a grant basis. Written application must be made to the Committee on Scholarships and Student Aid on form obtainable from that committee. Awards are made on the basis of merit and need, and particularly in the case of grants, academic achievement. Five annual grants in the amount of \$200 each are regularly available, in addition to such others as the Committee may award.

German Exchange Scholarship

In 1959 a student exchange program was established between Wake Forest College and the Free University of Berlin. At present one scholarship is available to an eligible Wake Forest College student. It provides (1) 400 German marks a month for ten months at the Free University of Berlin; (2) remission of all registration and insurance fees; (3) 200 German marks a semester for the purchase of books; (4) Free accommodation in the *Studentendorf* (student village) comprising a single room, use of kitchen, bath, electric light and linen. Candidates must have had at least two years of German at the college level or equivalent and must have acquired junior standing by the end of the semester in which they apply. Candidates may major in any of the fields offered at Wake Forest College with the permission of the chairman of the department in question.

Spanish Exchange Scholarship

In 1964 a student exchange program was established between Wake Forest College and the University of

the Andes, at Bogota, Colombia. At present the scholarships available to eligible Wake Forest College students are: two scholarships of one semester's study each; or, one scholarship of two consecutive semesters. It is left to the discretion of Wake Forest College whether one or two students are selected annually to study during any given academic year at the University of the Andes. The scholarships provide: (1) remission of tuition and fees; (2) board and lodging; (3) textbooks. Candidates must have had at least two years of Spanish at the college level or the equivalent. Candidates may pursue studies in any of the fields offered at Wake Forest College with the permission of the department in question.

Church Choir Work Grants

These work grants are given by Wake Forest University and Wake Forest Baptist Church in order to encourage outstanding voice and University Choir students to participate in the Church Choir program. They are awarded on the basis of talent, reliability, and interest in the Church. The selection of recipients is made upon the joint recommendation of the Music Committee of the Church and the Department of Music of the University. There are 15 awards, each valued at \$300.

Student Employment

The Placement Office will assist students to locate either on- or off-campus part-time employment. Full-time students may be authorized to work a maximum of 20 hours per week. Students desiring to avail themselves of this service should visit the Placement Office (Room 118 Reynolda Hall) and fill out an application form. This office also is a source of summer-job placement for any student.

Student Employment

Wives of college students who are interested in employment may fill out application forms in the Placement Office. This office does no actual hiring, but refers applicants to firms and organizations with known job vacancies. See page number 108 for additional functions of the Placement Office.

5.

ACTIVITIES

Student Government

The two chief agencies of student government are the Student Legislature and the Student Honor Council.

The Student Legislature is composed of thirty-six representatives of the four classes, the vice-president of the student body serving as Speaker. It is the duty of the Student Legislature to perform all acts necessary in the exercise of its powers as the legislative branch of student government. The Legislature also sets up student committees to work parallel with faculty committees on matters concerning students.

The Student Honor Council, which tries violators of the Honor System, is composed of sixteen members from the senior, junior, and sophomore classes.

The Honor System

The Honor System is an expression of the concern of Wake Forest University that its students shall be dominated by ideals of honor and integrity. The Honor System is an integral part of the Student Government of the College as adopted by the students and approved by the Administration. The essence of the Honor System is that each student's word can be trusted implicitly and that any violation of a student's word is an offense against the whole student community. The Honor System binds the student in such matters as the following: he must neither give nor receive aid upon any examination, quiz or other pledge work; he must have complete respect for the property rights of others; he must not give false testimony or pass a worthless check knowing it to be such; he must report to the Honor Council any violation of the Honor System that comes under his observation.

Men's Judicial Board

A student accused of violating the Honor System will be given a hearing before the Honor Council. If he is found guilty of cheating, he may be suspended from the College. Such student shall be re-admitted to the College only on the approval of the Faculty or its Executive Committee, and during the period of suspension his record shall not be subject to transfer to another college without a notation of his suspension. The penalty for stealing, giving false testimony, or knowingly passing a worthless check may also be suspension. The penalty for failing to report to the Honor Council all violations of the Honor System which may come to a student's knowledge shall be in the discretion of the Honor Council.

Any student who has been convicted of violation of the Honor Code is ineligible to represent the University in any manner whatsoever until the period of his punishment, be it suspension, probation, or any other form, is completed and the student is returned to good standing.

Students in enforcing the Honor System are protecting the integrity of their student community and their own individual rights and reputation. They thereby enjoy the confidence of one another, the Faculty, the Administration and the public.

Men's Judicial Board

The Men's Judicial Board, a student-faculty committee, rules on violations of the conduct regulations listed in Statute II of the Constitution of the Student Body (see the student handbook) and those conduct regulations established by the faculty which are included in this catalog. A student who violates one of these regulations or who behaves in such a way as to bring reproach

upon himself or upon the University is subject to whatever penalty the Board deems appropriate.

Senior Orations

On the second Monday in April the faculty selects four members of the senior class as speakers for commencement day. The nominations are made by the Student Affairs Committee of the faculty after consultation with the Department of Speech. The speakers selected are required to present their commencement addresses, limited to one thousand words, to the committee for approval before May 16.

Forensic Activities

Wake Forest has always stressed participation in debating and allied speech activities, and the University holds membership in a number of state and national speech organizations, including Delta Sigma Rho-Tau Kappa Alpha, national honorary forensic fraternity. Representatives of the University engage in state, regional, and national tournaments, and take part in debates, oratorical contests, and many other forms of competitive speaking.

All undergraduate students in good standing are eligible to participate in forensics and to represent the University in intercollegiate competition.

Debate and Speech Tournaments

A. North Carolina High School Speech Festival

In the spring of each year, the University sponsors a speech festival, to which are invited the high schools of North Carolina. Trophies, medals, and certificates are given to the winning schools, and awards are made to individuals in debate, oral interpretation,

radio announcing, extemporaneous speaking, oratory, after-dinner speaking and drama.

B. High School Invitational Tournament

In the winter of each year, the University sponsors a high school debate tournament to which are invited high school debaters from throughout the Southeast. Awards are given to the winning schools.

C. Novice Tournament

In the fall of each year the University sponsors a debate tournament to which are invited novice debaters from the colleges and universities of the Southeastern United States. Awards are given to the winning schools at the end of the tournament. The tournament is open to college students who have never previously participated in intercollegiate debating.

D. Dixie Classic Varsity Tournament

During the school year, the University sponsors a national debate tournament to which are invited colleges and universities which excel in debate. Trophies are given to the winning schools.

Speech Institute

High school students are invited to participate in the Summer Speech Institute, which is held for four weeks during the regular summer session, and which is open to students from all states. Specialized training in debate, public speaking, theatre, and radio is offered, and students are given an opportunity to debate the National Forensic League query in advance of the regular debate season.

University Theatre

The Wake Forest University Theatre presents four major productions annually. One of these productions is presented during the Magnolia Festival. Any student enrolled in the University is eligible to try out for the casts or to become affiliated with the production staffs.

The Wake Forest Chapter of the National Collegiate Players, honorary dramatic fraternity, was formed in the Spring of 1963. Eligibility for membership is determined by a student's scholastic average and an accumulation of points acquired through participation in University Theatre activities.

Readers' Theatre

The theatre program recently expanded its scope to provide an opportunity for more students to participate on another level. The Readers' Theatre presents programs with selections from prose and poetry and rarely performed dramas. It is an opportunity for students to expand literary and artistic horizons as either participants or members of an audience.

University Radio Station—WFDD-FM

The University Radio Station, WFDD-FM, broadcasts year-round to the campus and throughout Piedmont North Carolina. The station is fully licensed by the Federal Communications Commission. Programs include music, news, sports, lectures, discussions, interviews, documentaries and dramas. The station provides an opportunity for students to learn all phases of radio production while actually participating as announcers, interviewers, directors, newscasters, sportscasters, actors, and writers.

Participation is open to all students. Several financial

Medals

assistantships, as well as summer jobs, are available each year for qualified students.

Publications

The Student, a literary magazine, *Old Gold and Black*, a weekly newspaper, and *The Howler*, the University annual, are published by the students.

Medals

The A. D. Ward Medal is awarded annually to the senior making the best address on commencement day.

The Lura Baker Paden Medal, established in 1922 by Dean S. Paden (B.A., 1918), is awarded annually to the senior who has obtained the highest average grade on the courses taken by him in the School of Business Administration.

The J. B. Currin Medal is awarded annually for the best oration on the general topic of *Christ in Modern Life*.

The Carolina Award is presented to the major in Biology who writes the best paper on a subject selected by the National Biology Society. Given by the Carolina Biological Supply Company of Elon College, N. C.

The Biology Research Award is presented to the major in Biology who does the best piece of original research during the year. Given by the Beta Rho Chapter of Beta Beta Beta of Wake Forest University.

The Poteat Award is presented to the student in Biology 111-112 who is adjudged the most outstanding, and plans to major in the department. Given by the Will Corporation of Georgia, and sponsored by Beta Beta Beta.

The William E. Speas Memorial Award is presented each

year to the outstanding graduating senior in the Department of Physics.

The Delta Sigma Pi Scholarship Key is presented to the graduating senior in the School of Business Administration who has earned the highest average during the seven semesters prior to the semester in which graduation occurs.

The Alpha Kappa Psi Scholarship Key is awarded annually during the graduation exercises to the graduating senior in the School of Business Administration who has the highest average for the first three years.

The A. M. Pullen and Company Medal is presented each year during commencement to the graduating accounting major who has reached the highest achievement in accounting studies.

The North Carolina Association of Certified Public Accountants Medal is awarded each spring to the outstanding senior accounting major.

The Wall Street Journal Medal and one year's subscription to the *Journal* are received each year by the graduating senior who has been most outstanding in finance courses.

Delta Kappa Nu's Business Woman Student Award is presented annually during the graduation exercises to the most outstanding senior business woman who is seeking a B.B.A. degree or a B.A. degree in Economics.

Fraternities

The following social fraternities have been established: Alpha Sigma Phi, Delta Sigma Phi, Kappa Alpha, Kappa Sigma, Lambda Chi Alpha, Pi Kappa Alpha, Sigma Chi, Sigma Phi Epsilon, Sigma Pi, Theta Chi.

Honor Societies

The Interfraternity Council, under the supervision of the Faculty Committee on Student Affairs, is the governing body of the social fraternities. The Council endeavors to maintain a high standard of conduct and scholarship. The Council offers a cup to the fraternity whose members made the highest class grades. By order of the faculty, students who are on probation for any reason may not be initiated into any fraternity until the end of their probationary period.

The following professional fraternities have been established: Alpha Kappa Psi (business), Delta Sigma Pi (business), Phi Alpha Delta (law), Phi Delta Phi (law), Phi Epsilon Kappa (physical education) and Phi Mu Alpha Sinfonia (Music). There is also a chapter of Alpha Phi Omega, national service fraternity.

Honor Societies

The following honor societies have been established: Alpha Epsilon Delta (pre-medicine), Beta Beta Beta (biology), Delta Kappa Alpha (ministry), Delta Phi Alpha (German), Delta Sigma Rho-Tau Kappa Alpha (forensic), Eta Sigma Phi (classics), Gamma Sigma Epsilon (chemistry), Kappa Mu Epsilon (mathematics), National Collegiate Players (dramatics), Pershing Rifles (military), Phi Alpha Theta (history), Phi Sigma Iota (Romance languages), Pi Gamma Mu (social science), Rho Tau Sigma (radio), Scabbard and Blade (military), Phi Beta Kappa, Omicron Delta Kappa, and Tassels. There is also a Wake Forest University Student Section of the American Institute of Physics.

Phi Beta Kappa, an honor society founded at the College of William and Mary in 1776 and having chapters in many American colleges and universities, each year invites to membership a limited number of students who have displayed personal qualities of high

character and who particularly have distinguished themselves in fields of liberal scholarship.

Omicron Delta Kappa, an intercollegiate honor society which has as its purpose the recognition and encouragement "of intelligent, democratic leadership among college men," elects semiannually on the basis of character and eminence in one or more of the following five phases of campus life: "scholarship; athletics; student government, social and religious activities; publications; and forensic, dramatic, musical and other cultural activities."

Tassels is a local honor society for women, with standards and purposes similar to those of Omicron Delta Kappa. Its membership is made up of women students who have shown qualities of scholarship, character, and leadership in some phase of college life.

Recreational Activities

Recognizing the importance of physical recreation in maintaining the well-being of students, the University provides extensive athletic and recreational facilities and a faculty of trained supervisors to direct activities in these fields. Each student is given the opportunity to develop his individual interest and skill in physical education and recreational classes. In addition to these classes, the Department of Physical Education undertakes a broad intramural sports program consisting of tournaments and organized club activities.

In order to provide for a recreational program for all students, the University maintains athletic fields, tennis courts, and a combination athletic, physical education and recreation building which includes a swimming pool, handball and squash racquet courts, rhythm studio, arts and crafts room, recreational area, corrective rooms, a gymnastic and wrestling room, and

Intercollegiate Activities

four separate gymnasiums including a women's gym, a varsity basketball gym, and two men's intramural gyms.

The College Union

The College Union at Wake Forest College is a union of all the students. Its purpose is to coordinate, increase and develop social, recreational, and educational activities available to Wake Forest College students, both on and off campus.

Students who pay the activities fee are members of the College Union. All others must pay \$10.00 per year to join.

The program of the College Union can best be presented by listing its eight committees: (1) Lecture Committee, (2) Recreation Committee, (3) Small Socials Committee, (4) Major Functions Committee, (5) Publicity Committee, (6) Movies Committee, (7) Travel Committee, (8) Arts Committee.

Intercollegiate Athletics

The Director of Athletics has general supervision of intercollegiate athletic activities.

The University is a member of the National Collegiate Athletic Association and the Atlantic Coast Conference. Rules and Regulations of the N.C.A.A. and of the Conference apply to all intercollegiate sports and eligibility of players.

The eligibility of all candidates accompanying the team as representatives of the University in intercollegiate contests must be certified to the Director of Athletics by the Dean of the College, the Registrar, and the Faculty Chairman of Athletics.

Any student may be declared ineligible at any time by the faculty or by its Executive Committee because of poor work or improper spirit.

An athletic team may not be absent from the University for a total of more than ten weekdays during any term. Freshman teams are allowed only five absences in any one term.

No student is allowed to represent the University on more than one intercollegiate team or club in any semester without special permission from the faculty or from its Executive Committee.

GENERAL INFORMATION

Classification

The requirements for classification after the freshman year are as follows:

Sophomore—the removal of all entrance conditions and the completion of not fewer than 25 hours of work toward a degree, with a minimum of 50 quality points; Junior—the completion of not fewer than 54 hours of work toward a degree, with a minimum of 108 quality points; Senior—not fewer than 95 hours of work toward a degree, with a minimum of 190 quality points.

Registration After the Freshman Year

An undergraduate student who fails to pay the \$50 reservation deposit at the required time (see Calendar on page 3) during the spring semester shall not be eligible to register for the next fall semester.

Procedure in Registering

There are five steps in registration: (1) Securing from the Registrar's Office a permit to register and a summary of prior record; (2) the payment of fees to the Treasurer; (3) consultation with an adviser, who gives such assistance as may be necessary in regard to the program of work; (4) sectioning of classes by departmental representatives; (5) appearance before the Registrar for approval of program and assignment to classes.

No student is allowed to enter any class until he has completed his registration.



Entrance to one of the women's dormitories



Winston Hall (Biology and Psychology)

Recitations per Week: Maximum and Minimum Requirements

Sixteen credit hours a week, counting two hours of laboratory or field work as equal to one hour of recitation, are the maximum normally allowed freshmen. Seventeen credit hours a week are the maximum which sophomores, juniors and seniors may normally take. A student may register for as much as nineteen credit hours per semester provided that the additional hours over the normal maximum include only hours in the following courses: a one-hour physical education course, one music ensemble course, and Military Science. Additional work over the maximum is not otherwise allowed except by permission of the Dean of the College, and then only to students whose records are superior.

The minimum number of hours for which a student may register is twelve for the term unless he is given special permission because of exceptional conditions or because he is doing outside work to support himself in college. Twelve hours constitute full-time status.

Auditing of Classes

A student regularly enrolled on a full-time basis may audit classes without charge, provided that the permission of the instructor is obtained. A person other than a regularly enrolled full-time student may audit classes at a charge of \$10.00 per hour with the permission of the dean of the appropriate school and the instructor. An auditor is listed on the class roll as such and is subject to the usual attendance regulations and to whatever additional requirements the instructor may impose. If these conditions are properly fulfilled, a notation "audit" is entered in lieu of a grade on the instructor's final grade report. For the regularly enrolled student, this notation

is also entered on his permanent record card. An auditor may receive no grade or credit for the course.

Each instructor shall report to the Registrar the presence of any student not registered regularly or as an auditor.

An audit course may not be changed to a credit course, and a credit course may not be changed to an audit course.

Enforcement of Regulations

The enforcement of all regulations pertaining to academic matters is regarded as a function of the faculty, or representatives of the faculty. A well-organized Student Government assumes responsibility, in cooperation with the Office of the Dean, for the regulations of the honor system and various other matters involving personal conduct. In general, the regulations of the University are adapted to and intended for those who have reached such maturity that they may exercise self-control. All students are expected to be faithful in work, to be prompt and regular in attendance upon all their college duties, and to refrain from practices injurious to others. Those who neglect their work, or engage in conduct that brings reproach upon themselves and upon the University, or disregard the rights and the welfare of their fellow students are required to withdraw from the University.

Class Attendance Regulations

The attendance regulations specifically place the responsibility for class attendance upon the individual student. *He is expected to attend classes regularly and punctually.* A student should recognize that one of the most vital aspects of a residential college experience is attendance in the classroom and that the value of this

academic experience cannot be fully measured by testing procedures alone.

The members of the student body are considered sufficiently mature to appreciate the necessity of regular attendance, to accept this personal responsibility, and to demonstrate the kind of self-discipline essential for such performance and, conversely, to recognize and accept the consequences of failure to attend. An instructor is privileged to refer to the Office of the Dean of the College for suitable action students who in his opinion are causing their work or that of the class to suffer because of absences or latenesses. Any student who does not attend classes regularly, or who demonstrates other evidence of academic irresponsibility, is subject to such disciplinary action as the Executive Committee may prescribe, including immediate suspension from the College.

The Office of the Dean of the College maintains a list of students who have been absent from class (1) because of illness (when certified by the University Health Service) or other extenuating circumstances or (2) as authorized representatives of the University (when their names have been submitted by appropriate University officials forty-eight hours in advance of the hour when the absences are to commence). Such absences are considered "excused," and a record of them is available to the student's instructors upon request. An instructor determines whether work the student has missed (including quizzes) may be made up.

Course Drops

The last day for dropping a class without the grade of F is listed in the College calendar on page 3 of this Catalog. A student who wishes to drop any course *before* this date must consult the Registrar and his

faculty adviser. *After* this date, if he wishes to drop a course, he must consult either the Dean of the College or the Dean of the School of Business Administration, as appropriate. If the Dean approves the request, he authorizes the student to discontinue the course. Except in the case of an emergency, the grade in the course will be recorded as F.

If, at any time, a student shall drop any course without prior, written approval of the Dean, a grade of F for that course shall be reported by the instructor to the Registrar, and the student will be subject to academic probation for the following semester or to such other penalties as the Executive Committee of the faculty may impose.

Withdrawal from College

A student who finds it necessary to withdraw from the College is required to consult the Dean of the College and arrange official withdrawal. If the withdrawal occurs before mid-term, no grades are recorded in any of the student's courses. If it takes place after mid-term the student's grade in each course is recorded as "F," unless there is an emergency, in which case it is recorded as "WP" or "WF," depending on whether the student is passing or failing the course at the time of his withdrawal. "WP" and "WF" grades do not affect the student's credit hour or quality point totals, but they will be taken into consideration in case the student should at a later date seek readmission to the College.

A student who withdraws from the College without first consulting the Dean will not be granted honorable dismissal and will be assigned grades of "F" in all his courses.

Minimum Academic Requirements for Continuation

Each student enrolled in the College is expected to be aware at all times of his academic status and to be responsible for knowing whether he has failed to meet the College's minimum academic requirements for continuation as outlined below.

On the basis of their cumulative records at the end of the spring term, the following students are academically ineligible to enroll for the following fall term:

(1) Those students who, having attempted 47 or fewer semester hours in all colleges attended, have an over-all quality point ratio* of less than 1.35 on work attempted at Wake Forest.

(2) Those students who, having attempted no fewer than 48 and no more than 87 semester hours in all colleges attended, have an over-all quality point ratio of less than 1.65 on work attempted at Wake Forest.

(3) Those students who, having attempted no fewer than 88 and no more than 119 semester hours in all colleges attended, have an over-all quality point ratio of less than 1.85 on work attempted at Wake Forest.

(4) Those students who, having attempted 120 or more semester hours in all colleges attempted, have an over-all quality point ratio of less than 1.90 on work attempted at Wake Forest.

In the determination of the quality point ratio, non-credit courses are not counted.

Any student who is ineligible under the minimum requirements above may attend the first summer term at Wake Forest; if he is successful in raising his over-all quality point ratio on work attempted at Wake Forest

* The quality point ratio is obtained by dividing the net quality points earned by the number of hours carried (whether passed or failed).

Requirements for Readmission

to the required minimum, he may enroll for the fall semester. If he is unsuccessful by the end of the first summer term, he may attend the second term in Wake Forest; if he is successful then in raising his quality point ratio to the required minimum, he may apply for readmission no earlier than for the following spring semester. If he is unsuccessful in meeting the minimum requirements by the end of the second summer term, he may apply for readmission no earlier than for the following summer session.

Requirements for continuation are to be determined by the catalog under which the student expects to be graduated.

Under exceptionally extenuating circumstances beyond the control of the student, and after consultation with the student's dean, an appeal from the foregoing eligibility requirements may be considered by the Executive Committee of the faculty.

The Executive Committee of the faculty may also suspend from college at the end of any term any student whose record for that term has been unsatisfactory, particularly with regard to the number of courses passed and failed, or who has not attended class regularly or has otherwise ignored the rules and regulations of the College.

Requirements for Readmission

Any student seeking readmission to Wake Forest University must meet the minimum academic requirements for continuation for students in his category of hours attempted (see page 101), except that

- (1) a student who has not met these requirements may apply for admission to the summer school only;
- (2) a student may apply for readmission if he has been away from Wake Forest continuously for at

least a year and a half and has spent that time constructively;

(3) a student may apply for readmission earlier than the year and a half if he has been enrolled in another college or if his failure to have the required average at the time of his suspension was due to exceptionally extenuating circumstances beyond his control.

It should be understood by the student and his parents that meeting the requirements set forth above does not insure that the student will be readmitted to the University.

Probation

A student is responsible at all times for knowing his academic standing.

Any student who at the end of the fall semester does not have the grade average which he will be required to have at the end of the spring semester will be automatically on academic probation.

Any student who is placed on probation because of honor code or conduct code violations shall also be placed on such special academic probation as the Executive Committee of the faculty shall impose. In addition, the Executive Committee may at any time place on probation any student whose academic performance or social behavior is inconsistent with what the Committee deems to be the best interests of the student or the University.

Examinations and Grades

All examinations are conducted in accordance with the honor system adopted by the students and approved by the Faculty. Under this system the student is expected not only to refrain from unfairness in any form but also to report to the Honor Council anyone whom

he knows to be guilty of cheating. Examination papers are accompanied by a signed statement that no aid has been given or received.

Grades in each course are assigned by the instructor as follows: A, exceptionally high achievement; B, superior; C, satisfactory; D, passing but unsatisfactory; E, conditional failure; F, failure.

Grades are assigned quality points as follows: for each semester hour of A, 4 points; of B, 3 points; of C, 2 points; of D, 1 point; and of E and F, no points. The quality point ratio is calculated by dividing the total number of quality points earned by the total number of semester hours attempted, whether passed or not.

Grade of I

The grade of I (incomplete) may be assigned only when on account of illness or some other emergency a student does not complete the work of his course. If the work recorded as I is not completed within thirty days after the student enters for his next semester, the grade automatically becomes F.

Grade of E

A student who makes a grade of E on any course may be re-examined at any regular examination period within a year, or during the first week of the fall semester. The re-examination permit is secured from the Registrar's Office a few days in advance. No grade higher than D may be assigned as a result of a re-examination. A student who does not remove a conditional failure by one re-examination must repeat the course to secure credit.

Pass-Fail Grades

A student during his junior and senior years is permitted to elect up to 4 courses (but no more than one

course in a given term), with the stipulation that grades for these courses will be recorded as *Pass* (P) or *Fail* (F) only and that these grades will not be counted in computing the student's quality point ratio. A grade of *Pass* carries full academic credit; a grade of *Fail* carries no academic credit. A student must indicate at the time of registration that he is choosing to take a course under this arrangement, and he may not change it to a letter-grade basis after the first two weeks of classes. In preparing his class roll the instructor will indicate which students are registered on a *Pass-Fail* basis.

Courses selected for *Pass-Fail* grades must be other than those submitted by the student to satisfy the basic course requirements or those in the student's major.

Repetition of Courses

A student may not repeat for credit a course on which he has already received a grade of C or higher.

Senior Conditions

A candidate for graduation in his final semester who receives a grade of E at the close of the previous semester may apply to the Registrar for re-examination 30 days after the opening of the final semester and not less than 30 days before its close. Such examination will be regarded as a special examination and will entail a fee of \$2.50.

All conditions must be removed 30 days before the end of the last term of the student's graduation year. The name of a candidate for graduation who has a condition after that date is dropped from the roll of the class.

If a student receives a grade of E in a course in the

Graduation Distinctions

final term of his graduation year, he is not allowed a re-examination before the next examination period.

Reports

A mid-term report is given to the student and a copy is sent to the parent or guardian of each student who is doing unsatisfactory work. At the end of each term a final report of grades and attendance is given to the student, and a copy is sent to the parent or guardian. A report of the progress of each freshman is sent to the high school or preparatory school from which he was admitted.

The Dean's List

The Dean's List will be issued at the end of each semester by the Dean of the College and the Dean of the School of Business Administration and will include all full-time students who have made a quality point ratio of 3.0 for the semester. Grades earned during a summer session are not considered in the preparation of the List.

Graduation Distinctions

Under the quality point system, graduation distinctions are determined as follows:

A candidate for a baccalaureate degree who is credited with quality points which give him a ratio of not less than 3.80, in relation to the total semester hours attempted, shall be graduated with the distinction *summa cum laude*; not less than 3.50, *magna cum laude*; not less than 3.00, *cum laude*. The entire record of a student is considered, with the understanding that a transfer student may receive no distinction which requires a quality point ratio greater than that earned in Wake Forest University.

Transcripts of Student Records

The first copy of a student's record is issued for him without charge. Requests for subsequent copies should be made to the Registrar by the owner of the record, and should be accompanied by a remittance of one dollar for each copy desired.

Summer Session Elsewhere

A student who desires to attend summer session in another college must secure the advance approval of the Registrar and the chairman of the department concerned.

A transcript of the record is required for posting at the close of the summer session.

Study Abroad

To be granted the privilege of studying abroad a student who plans to return to Wake Forest must plan a program of study relevant to his degree program at the University and must secure in advance the approval of the chairman of his major department and the dean of the school in which he is enrolled. He must then file approved Study Abroad Application with the Registrar.

Maximum credit for a full year program (32 semester hours) may be granted upon evidence of a satisfactory evaluation by the University of the work taken.

Students are encouraged to study under one of the established programs sponsored by American colleges and universities. In some cases independent study at foreign universities may be approved. A transcript of the record is required for posting after completion of approved foreign study.

Experiment in International Living

The Independent Study Program of The Experiment in International Living, Putney, Vermont 05346, is recognized by the University. This is a semester program, available in any one of several countries either semester. To participate in this program, a student must be a regularly enrolled student planning to return to the University upon completion of the semester abroad. The program of study must be approved in advance by the chairman of the student's major department, the chairman of such other departments as may be involved and the dean of the school in which the student is enrolled. The program carries a maximum of twelve semester hours credit upon satisfactory completion.

Center for Psychological Services

The Center provides specialized services in educational-vocational testing and counseling, and in personal adjustment counseling. These services provide evidence of the student's aptitudes, interest, and achievements and assist him in making the most of his opportunities for academic and personal development while in college. The Center, with offices in Efrid Hall, is staffed by professionally trained psychologists. There is no charge to the full-time student for Center services.

Placement Office Services

The Placement Office gives graduating students at Wake Forest University the opportunity to explore career opportunities with recruiters from a large number of business firms, government agencies and school systems which conduct on-campus interviews during the school year. Brochures, reports, pamphlets and catalogues are available to students wishing to explore various fields of interest. The Director of Placement (Room 119,

Reynolda Hall) is available during administrative office hours to any student desiring information in the above areas. See page number 83 for additional functions of the Placement Office.

Navy ROC Program

The United States Navy offers a Reserve Officer Candidate (ROC) program whereby a Wake Forest student may complete his military requirements for a commission as Ensign in the United States Naval Reserve by attending weekly drills at the Winston-Salem Naval Reserve Training Center, 930 Brookstown Avenue, and by attending ROC schools during the summers following his sophomore and junior years. A commission is granted on graduation from Wake Forest. Further information is available through the Commanding Officer of the Training Center or Dr. Carlton Mitchell of the Wake Forest faculty.

Veterans

Applicants who need information concerning educational benefits for veterans and children of veterans should consult the nearest regional office of the Veterans Administration. This office for North Carolina is located at Wachovia Bank Building, Winston-Salem, North Carolina.

REQUIREMENTS FOR DEGREES

The degrees conferred are Bachelor of Arts, Bachelor of Science, Bachelor of Business Administration, Master of Arts, Bachelor of Laws; and Doctor of Medicine, Master of Science and Doctor of Philosophy in Bowman Gray School of Medicine.

The general requirements for the Bachelor of Arts and the Bachelor of Science degrees are the same, with the following exceptions: (1) for the degree of Bachelor of Arts a student must complete a foreign language through courses numbered 211, 212, making a total of from 6 to 18 hours of languages*; (2) for the degree of Bachelor of Science a student must either complete a foreign language through courses numbers 211, 212, or take eight hours in a second natural science or six additional hours in mathematics.

The degree of Bachelor of Science is conferred only upon those students who (1) complete a major in Biology, Chemistry, Mathematics, Physical Education, Physics, or Education with State teacher's certification in Mathematics or Science; (2) complete the degree requirements in Medical Technology; or (3) complete the requirements for the combined degree in Medical Sciences, Dentistry, Engineering, or Forestry.

The degree of Bachelor of Arts is conferred upon those students who (1) complete a major in other departments in Wake Forest College; (2) complete a major in Economics in the School of Business Administration; or (3) complete the requirements for the combined degree in Law.

Each student is responsible for acquainting himself with the requirements for graduation, and for meeting the requirements as stated.

* The candidate for the combined degree in Law may substitute for Language 211, 212 eight hours in a second natural science, six additional hours in mathematics, or six hours in the principles of economics.

A student who has been graduated from Wake Forest University with the degree of Bachelor of Arts or Bachelor of Science may not thereafter receive the other of these two degrees.

Academic Requirements

For the degree of Bachelor of Arts or Bachelor of Science the student must complete (1) the basic course requirements, (2) a course of study approved by his major department, and (3) elective courses to make a total of 128 credit hours. He must complete at least 64 hours, including the work of the senior year, in Wake Forest College. A student applying for the combined degree must complete three-fourths of the 128 hours, plus the major in the school in which he is enrolled during the senior year.

In addition to the above requirements for graduation, the student must present at least 256 quality points and a quality point ratio of at least 2.0 on all hours attempted. Grades are assigned quality points as follows: for each semester hour of A, 4 points; of B, 3 points; of C, 2 points; of D, 1 point; and of F, no points. The quality point ratio is calculated by dividing the total number of quality points earned by the total number of semester hours attempted, whether passed or not.

A student who transfers from another institution or takes any work in other institutions must earn in Wake Forest College at least twice as many quality points as the difference between the number of hours transferred from other institution(s) and the 128 hours required for graduation from Wake Forest College. He must also earn at least a 2.0 quality point ratio on all hours attempted in Wake Forest College and have at least a 2.0 quality point ratio on the total number of hours attempted at all colleges.

Basic Course Requirements

A student has the privilege of graduating under the provisions of the catalog under which he enters provided that he completes his course within six years; after the interval of six years he is expected to conform to the requirements specified for the class with which he is graduated.

Basic Course Requirements

All students in Wake Forest College are enrolled in the School of Arts and Sciences during their freshman and sophomore years. A student is not admitted as a candidate for a degree in any college or school except the School of Arts and Sciences until the end of his sophomore year and the completion of the entrance requirements of the college or school to which application is made.

All students enrolled in the College must take certain required basic courses. These requirements apply uniformly to all undergraduate degrees and all combined degrees, except as otherwise noted.

These basic course requirements are as follows:

English 111, 112, 153, 156 (12 hours)

Language:

0 to 12 hours, depending on the number of high school language units submitted by the student.

French 111, 112, 151, 152

German 111, 112, 151, 152

Greek 111, 112

Latin 111, 112, 151, 152

Russian 111, 112, 151, 152

Spanish 111, 112, 151, 152

(In determining the level of language study which a beginning student should enter, one unit of high school language is considered the equivalent of a one semester course of college language. Thus, a student continuing in college a language begun in high school would normally enter: course 112, if he has had one high school unit; course 151, if he has had two high school units; course 152, if he has had three high school units, and course 211, if he has had four high school units.

(A student who finds it necessary to repeat in college the equivalent of any *modern* foreign language taken in high school receives *no college credit* for the course repeated.

(An entering student who offers high school units in a *classical* language and who wishes to continue this language in college will be given a placement test, the results of which will be used by the department to determine his placement for credit in college.

(Since an entering student is expected to present two high school units in foreign language, he is required to take one college year of foreign language *without credit* if he fails to present those high school units.

(An entering student who offers two high school units in one foreign language may commence a second foreign language *with credit*.

(An entering student who offers four high school units in one foreign language has completed the language requirement except for the B.A. degree.

(A student applying for the degree of Bachelor of Business Administration may complete the language requirement beyond 111, 112, by either Language 151, 152, or Speech 151 and Mathematics 162.

(A student who plans graduate study or medical study should consult his adviser about additional foreign language study in his undergraduate program.)

Religion (6 hours) selected as follows: 3 hours from courses 111, 112, 153, 155, 157, and 3 hours from courses 231, 256, 261, 264, 271.

Philosophy 211 (3 hours)

History 111, 112 (6 hours)

Social Science, one of the following three:

*Business Administration 213, 214 (Principles of Economics) (6 hours)

Political Science 151 and normally one of the following:

152, 230, 251, 261 (6 hours).†

Sociology 151 (3 hours) and one of the following:

Sociology 152 or Anthropology 162 (freshmen and sophomores only), or any course from Sociology 323 through 359 or any course from Anthropology 351 through 373.

Natural Science, one of the following three:

Biology 111, 112 or 151, 152 (8 hours)

Chemistry 111, 112 (8 hours)

Physics 111, 112 (8 hours)

* Except for students taking B.B.A.

† Any other course numbered 211 to 266 may be elected with the permission of the department.

Basic Course Requirements

Mathematics (3 hours)

(A student who anticipates a degree or major requiring additional mathematics should continue mathematics through the freshman year.)

Physical Education (2 hours)

One of the following, as determined by the requirements for the specific degrees:

Language 211, 212 (6 hours) *

A second natural science from among those listed above (8 hours)

Additional mathematics (6 hours)

Business Administration 213, 214 (6 hours)

(The candidate for the degree of Bachelor of Arts must meet this requirement by Language 211, 212. The candidate for the degree of Bachelor of Science may select the language or the science or the mathematics, as recommended by his major adviser. The candidate for the combined degree in Law may select any of the listed alternatives. The candidate for the degree of Bachelor of Business Administration must meet the requirement by Business Administration 213, 214.)

The basic course requirements are to be completed, where possible, by the end of the sophomore year. Some students will find it necessary to postpone some of the basic courses until the junior year in order to make room for certain courses necessary to the work in the major field; but a minimum of twelve hours from among the basic courses must appear on every student's program each semester until these courses are completed, except that after the freshman year a minimum of nine hours each semester may be considered sufficient if other courses necessary to work in the major field must be taken.

No student, except by a specific vote of the College faculty in regular session, may set aside, or substitute another course or other courses for, any of the basic course requirements.

For further details about course requirements for the degree of Bachelor of Business Administration, consult

* With the permission of the German Department, German 261, 262 may be substituted for German 211, 212.

the section of the catalog dealing with the School of Business Administration.

Admission to the Upper Division

The work in the lower division, as specified in the preceding pages of this section, is intended to give the student an introduction to the various fields of knowledge and to lay the foundation for concentration in a major subject and related fields during the junior and senior years.

Before applying for admission to the upper division and beginning work on the major subject, a student should have 64 credit hours and 128 quality points in the lower division. In no case will a student be admitted to the upper division with fewer than 54 hours of credit and 108 quality points.

All students at the end of the sophomore year or at the beginning of the junior year are required to pass a proficiency test in the use of the English language.

Course of Study for the Upper Division

Thirty days before the end of his sophomore year each student is required to indicate to the Registrar and to the department or school concerned his selection of a major subject in which he wishes to concentrate during his junior and senior years. Before this selection is formally approved by the Registrar, however, the student must present to him a written statement from the authorized representative of the department or school in which he wishes to major that he has received the permission of that department or school. The student will also at this time be assigned a specific adviser from the department or school to assist him in planning his work for the junior and senior years.

A department which rejects a student as a major will

file with the Dean of the College a written statement including the reason(s) for the rejection.

After the beginning of the junior year a student may not change from one major to another without the approval of the departments concerned.

The student's course of study for the junior and senior years includes the minimum requirements for the departmental major (see the table below), together with such other courses as he shall select and his adviser shall approve—the latter courses to be sufficiently related to the student's major to justify their inclusion in his program. This course of study must include a minimum of 42 hours in the student's field of concentration (that is, his major and related courses) beyond the basic course requirements as outlined on pages 112-115.

Students preparing for the ministry are advised to elect twelve additional hours in religion beyond the six hours included in the basic requirements.

The following list indicates the number of hours required in the departmental majors:

<i>Department</i>	<i>Major</i>
Biology	36
Chemistry	37
*Economics	30
Education	18
English	30
French	30
German	30
Greek	30
History	30
Latin	30
Mathematics	33
Music	36
Philosophy	24
Physical Education	35
Physics	33
Political Science	30

* Students in the School of Arts and Sciences who wish to major in Economics must apply to the Dean of the School of Business Administration for approval of the major.

Senior Testing Program

<i>Department</i>	<i>Major</i>
Psychology	30
Religion	30
Religious Education	30
Sociology and Anthropology	30
Spanish	30
Speech	30

At least half of the major must be completed in Wake Forest College.

Beyond the basic course requirements and the approved course of study in his field of concentration, the student will elect other courses up to a minimum of 128 hours.

Not more than 40 hours of the 128 hours required for graduation may be taken in a single field of study. For the purposes of this regulation, the following fields of study are recognized: Biology, Chemistry, Economics, Education, English, French, German, Greek, History, Latin, Mathematics, Music, Philosophy, Physical Education, Physics, Political Science, Psychology, Religion, Sociology and Anthropology, Spanish, Speech.

Senior Testing Program

All seniors are required to participate in a testing program designed to provide objective evidence of educational development while in college. The program will employ measures of academic achievement such as selected portions of the Graduate Record Examination and/or other tests deemed appropriate by the Executive Committee of the faculty. The tests are given in late spring, and relevant results are made available to the student for his information. The primary purpose of the program, however, is to provide the college with information that will facilitate the assessment of the total educational process. (This program does not supplant the regular administrations

of the Graduate Record Examination for those students applying for admission to graduate schools.)

Degrees in the School of Law

A combined course makes it possible for a student in Wake Forest University to receive the two degrees of Bachelor of Arts and Juris Doctor in six academic years or their equivalent instead of seven years which are required if the two curricula are pursued independently. The first three years of the combined course are in Wake Forest College and the last three are in the School of Law.

Under this plan the student must first complete three years (96 semester hours) of academic work as follows:

- English 111, 112, 153, 156 (12 hours)
- Language 111, 112, 151, 152 (0-12 hours) [see page 112]
- Religion (6 hours) [see page 113]
- History 111, 112 (6 hours)
- Mathematics (3 hours)
- Science, one of the following:
 - Biology 111, 112 or 151, 152 (8 hours)
 - Chemistry 111, 112 (8 hours)
 - Physics 111, 112 (8 hours)
- Philosophy 211 (3 hours)
- Business Administration 213, 214 or Political Science or Sociology and Anthropology (6 hours) [see page 113]
- Physical Education (2 hours)
- One of the following:
 - Language 211, 212 (6 hours)
 - A second natural science (8 hours)
 - Business Administration 213, 214 (6 hours)
 - Additional mathematics (6 hours)
- *Electives (to make a total of 96 hours)

The requirement of a major subject for the academic degree is considered as satisfied by one year (29 semester hours) of Law. The details of the plan are as follows:

One who completes the above specified 96 semester

* Selected carefully in consultation with Law School adviser.

hours of work in the School of Arts and Sciences, with a minimum average of C (or two quality points for each semester hour undertaken) and the first full year (29 semester hours) of Law in the Wake Forest University School of Law, with an average sufficient for him to remain in the School of Law, will be awarded the Bachelor of Arts degree.

The Juris Doctor degree will be awarded the student upon the completion of two additional years in the School of Law and upon fulfillment of the requirements for that degree as described on page 264.

At least one year of the required academic work must be taken at Wake Forest College. A student who transfers from another institution at the end of his first or second year must maintain a minimum average grade of C on all academic work undertaken during his residence at Wake Forest College.

The quantitative and qualitative academic requirements set forth herein are minimum requirements and do not necessarily entitle an applicant to admission to the School of Law. Admission requirements are given in detail on pages 260-263 and in the *Bulletin* of the School of Law.

Degrees in Medical Sciences

A limited number of students, by taking advantage of the special arrangement explained here, may receive the B.S. degree with a major in Medical Sciences.

Under this plan the student fulfills the requirements for the degree by completing three years of work in Wake Forest College with a minimum average grade of C, and by satisfactorily completing the first full year of Medicine (at least 30 semester hours) as outlined by the faculty of the Bowman Gray School of Medicine, with a record entitling him to promotion to the Second

Year Class. At least one year (32 semester hours) of the required academic work must be completed in Wake Forest College.

Candidates for the B.S. degree with a major in Medical Sciences must complete the following courses in the School of Arts and Sciences before entering the School of Medicine for their fourth year of work:*

Biology 111, 112 or 151, 152 (8 hours)

Biology (8 hours) selected from the following: 220, 226, 260, 309, 311, 321, 350, 372.

Chemistry 111, 114 (8 hours)

Chemistry 131 (4 hours)

Chemistry 221 (4 hours)

English 111, 112, 153, 156 (12 hours)

Language 111, 112, 151, 152 (0-12 hours) [see page 112]

Mathematics (6 hours)

Physics 111, 112 (8 hours)

Philosophy 211 (3 hours)

Religion (6 hours) [see page 113]

History 111, 112 (6 hours)

Business Administration 213, 214 or Political Science or Sociology and Anthropology (6 hours). [See page 113.]

Physical Education (2 hours)

Electives (to make a total of 96 hours)

The completion of the prescribed academic subjects does not necessarily admit any student to the School of Medicine. About fifty are chosen from a large number of applicants. All other factors being equal, applicants who have done all their college work in Wake Forest College are given preference.

Degree in Medical Technology

Students may qualify for the Bachelor of Science degree in Medical Technology by completion of the academic requirements outlined below with a minimum average grade of C, and by satisfactory completion of

* See pages 266-269 and the special bulletin of the Bowman Gray School of Medicine for further information.

the full course in Medical Technology offered jointly by the Bowman Gray School of Medicine and the North Carolina Baptist Hospital with a minimum weighted average of 80. At least one year (32 semester hours) of the required academic work must be completed in Wake Forest College. Candidates for the degree must complete the following three-year course before beginning study in the School of Medicine:*

Biology 111, 112 (8 hours)

Biology 151, 152 (8 hours)

Biology 226 (4 hours)

Chemistry 111, 114 (8 hours)

Chemistry (8 hours selected from courses with Chem. 111, 114 as prerequisite.)

English 111, 112, 153, 156 (12 hours)

Language 111, 112, 151, 152 (0-12 hours) [See page 112]

Mathematics (3 hours)

Philosophy 211 (3 hours)

Religion (6 hours) [See page 113].

History 111, 112 (6 hours)

Business Administration 213, 214 or Political Science or Sociology and Anthropology (6 hours) [See page 113].

Physical Education 111, 112 (2 hours)

Electives (to make a total of 96 hours)

Degree With Major in Dentistry

A student may fulfill the requirements for a B.S. degree with a major in Dentistry by completing three years of work in the School of Arts and Sciences with a minimum average grade of C, and by satisfactorily completing the first two years of work in one of certain approved dental schools designated by Wake Forest University, with a record entitling him to advancement to the Third Year Class.

For this degree the requirements in the School of

* For admission information, see the special bulletin of Bowman Gray School of Medicine.

Arts and Sciences are the same as outlined above for the B.S. degree with a major in Medical Sciences.

Degrees in Engineering

The 3-2 Engineering Program

Wake Forest University now cooperates with North Carolina State University in offering a broad course of study in the arts and sciences combined with specialized training in engineering.

This program, for outstanding students, covers five years of study including three initial years on the campus of Wake Forest University and two full years of technical training at one of the schools of engineering. Depending upon the school and field of engineering chosen, it may be necessary for a student to take an additional summer's work in engineering.

Upon successful completion of the five years of study the student will receive the degree of Bachelor of Science from Wake Forest University and the degree of Bachelor of Science in one of the specialized engineering fields from the engineering school of his choice.

By obtaining the first degree from Wake Forest University and the second from an engineering college, the graduate will be well suited for positions of higher responsibility where public relations and technical knowledge are combined. This combination plan is recognized by nationally known educators as a wise program in allowing the student a broad background in the liberal arts in addition to the specialized and technical training involved in the engineering degree.

The curriculum for the first three years must include all the basic course requirements for the Bachelor of Science degree, as outlined on pages 112-115 of this catalog. A suggested program follows:

Engineering

Freshman Year	Hours	
English 111, 112.....	3	3
Physics 111, 112.....	4	4
Mathematics 111, 112.....	3	3
Foreign Language 151, 152.....	3	3
*Religion.....	3	3
Physical Education 111, 112.....	1	1
	—	—
	17	17
ROTC if elected.....	1	1
	—	—
	18	18

Sophomore Year	Hours	
English 153, 156.....	3	3
History 111, 112.....	3	3
Physics 151, 152.....	3	4
Chemistry 111, 114.....	4	4
Mathematics 113, 251.....	3	3
	—	—
	16	17
ROTC if elected.....	2	2
	—	—
	18	19

Junior Year	Hours	
Mathematics 311.....	3	
Philosophy 211.....		3
†Mathematics Elective.....	3	3
†Science Elective.....	4	4
Humanities Elective.....	3	3
‡Business Administration 213, 214, or Political Science or Sociology and Anthropology.....	3	3
	—	—
	16	16
ROTC if elected.....	2	2
	—	—
	18	18

This is a rigorous curriculum and demands students with an aptitude for science and mathematics. The

* See page 113.

† Depending upon Engineering Specialty.

‡ See page 113.

electives will be chosen in consultation with the engineering adviser in the Department of Physics.

See page 180 for statement concerning transfer of ROTC credit to another institution.

Degrees in Forestry

Wake Forest University now cooperates with Duke University in an academic forestry training program. A student in this program devotes three years to study in the arts and sciences at Wake Forest University. (At least two years (64 semester hours) must be completed in Wake Forest College.) He spends the summer between his junior and senior years and the two following years in the Duke University School of Forestry. Upon the successful completion of this five-year course of study he receives the degree of Bachelor of Science from Wake Forest University and the degree of Master of Forestry from the Duke School of Forestry.

A student who wishes to qualify for this program must make formal application for admission to the Duke School of Forestry not later than the end of the first semester of his third year in college. To qualify for admission he must have followed a planned course of study as outlined below, must have the official recommendation of Wake Forest University, and must have an over-all quality point ratio of at least 2.5.

Candidates for the degrees in forestry must complete the following three-year course before beginning study in the Duke School of Forestry:

Biology 111, 112 or 151, 152 (8 hours)

Business Administration 213, 214 (6 hours)

Chemistry 111, 114 (8 hours)

English 111, 112, 153, 156 (12 hours)

Language, 111, 112, 151, 152 (0-12 Hours) [See page 112.]

Mathematics 111, 112 (6 hours)

Physics 111, 112 (8 hours)

Philosophy 211 (3 hours)

Religion (6 hours) [see page 113]

History 111, 112 (6 hours)

Physical Education (2 hours)

Six hours beyond the first year introductory courses in any one of the biological, physical, or social sciences.

Electives (to make a total of 96 hours)

(Suggested electives: Biology, Chemistry, Logic, Mathematics, Speech)

Students in this program will be advised in the Department of Biology.

See page 180 for statement concerning transfer of ROTC credits to another institution.

COURSES IN THE COLLEGE

Divisions

The numbers of the courses offered by the various departments are explained as follows: courses 1-99 carry no credit; courses 101-199 are primarily for freshmen⁶ and sophomores; courses 201-299, primarily for juniors and seniors; courses 301-399, for juniors, seniors, and graduate students; and courses 401-499, for graduate students. The letter S used as a prefix to a course number indicates that the course is offered during the summer session only.

Before admission to the upper division, a student must have credit for at least 54 hours in the lower division, with a minimum of 108 quality points.

Credit Hours Defined

All credit hours are based upon the semester, or half of an academic year of nine months. In the departments which follow, in alphabetical order, the credit hours for each course are the same as the number of class periods per week unless otherwise specified.

Both in the summer term and in the fall and spring terms, the credit for any course is the same, generally three hours based on 48 class periods, or the equivalent in laboratory work.

Explanation of the Class Schedule

In this number of the BULLETIN OF WAKE FOREST UNIVERSITY the schedule of classes is announced for the fall and spring terms only; the schedule of classes for the summer term is given in the special bulletin. The numbers following the days of the week indicate the periods during which the classes are offered.

Courses with odd numbers are regularly given in the fall term; courses with even numbers, in the spring term. However, introductory or basic courses in many departments will be offered every term so that students may arrange their work in regular sequence, according to the time of entrance. Accordingly, revised schedules will be prepared each term, supplementing the schedule given here.

Interdisciplinary Honors Program

Wake Forest University offers an interdisciplinary Honors program for a limited number of highly qualified students. Participation is by invitation only.

During their first three years in college, participants will schedule at least three interdisciplinary honors seminars (a total of nine semester hours, normally including 6 hours in the Lower Division and 3 hours in the Upper Division). Many students will probably not participate formally in the interdisciplinary program beyond the third year, but will choose instead to concentrate on departmental honors work in their major fields. Students, however, who are not candidates for departmental honors and who have completed four interdisciplinary seminars with a superior record may elect Honors 281 (directed study culminating in an honors paper and an oral examination). Those whose work in this course is superior and who have achieved an over-all quality point ratio of at least 3.0 in all college work will be graduated "with Honors in the Arts and Sciences." Those students, on the other hand, who have chosen to be candidates for departmental honors may not also be candidates for "Honors in the Arts and Sciences."

The courses described below (except for Honors 281) are designed to supplement the usual general education

Honors Program

of the freshman and sophomore years and the more specialized work of the junior year. Honors 281 will normally be scheduled in the first semester of the senior year.

The Honors program is supervised by a Faculty Committee on Honors. Faculty participants in the interdisciplinary courses are drawn from various academic departments of the College.

Honors 131, 132. *Approaches to Human Experience (I)*

An inquiry into the nature and interrelationships of several approaches to man's experience, represented by the work of such men as Leonardo da Vinci, St. Augustine, Dante, Newton, Gandhi, Mozart, Jefferson, and Einstein. Seminar discussion based on primary and secondary sources, including musical works and paintings. Written reports and a term paper required.

☛ (Offered in alternate years) *3 hours credit each semester*

Honors 133, 134. *Approaches to Human Experience (II)*

A parallel course to Honors 131, 132, concentrating on the work of a different set of figures such as Buddha, Galileo, Tolstoy, Pascal, Sophocles, and Bach.

(Offered in alternate years) *3 hours credit each semester*

Honors 233. *Darwinism and the Modern World*

A study of the Darwinian theory of evolution and the impact of evolutionary thought on fields such as economics, politics, psychology, literature and the other arts, and philosophy.

(Offered in alternate years) *Credit, 3 hours*

Honors 235. *The Ideal Society*

Man's effort to establish or imagine the ideal community, state or society, principles of political and social organization, changing goals and values. Study of historical communities such as those of the pre-Christian Essenes, Geneva under John Calvin, Fourierite and Owenite communities of the 19th century. Reading in such works as Plato's *Republic*, Augustine's *The City of God*, More's *Utopia*, Bacon's *The New Atlantis*, Rousseau's *Emile*, Orwell's *1984*, and Skinner's *Walden Two*.

(Offered in alternate years) *Credit, 3 hours*

Honors 237. *The Scientific Method*

An exploration into the origins and development of the scientific method and into some of its contemporary applications in the natural and social sciences and the humanities.

(Offered in alternate years)

Credit, 3 hours

Honors 238. *Romanticism*

Romanticism as a recurrent characteristic of mind and art and as a specific historical movement in Europe and America in the late 18th and 19th centuries. Emphasis upon primary materials in such fields as philosophy, history, literature, music and painting.

(Offered in alternate years)

Credit, 3 hours

Honors 242. *The Comic View*

The theory of comedy in ancient and modern times; the expression of the comic spirit in literature, art, music, the theater and the motion picture.

(Offered in alternate years)

Credit, 3 hours

Honors 244. *Man and the Structure of the Universe*

An investigation of various conceptions of the universe and of their implications for man. Study will not necessarily be limited to the cosmologies of Ptolemy, Copernicus, and their modern successors, but may also include theories like Babylonian, Mayan, and Taoist.

(Offered in alternate years)

Credit, 3 hours

Honors 281. *Directed Study*

Readings on an interdisciplinary topic approved by the Faculty Committee on Honors; preparation of a major research or interpretative paper based on these readings, under the direction of a member of the Faculty; and an oral examination on the topic, administered by the faculty supervisor and the Committee on Honors. Eligible students who wish to take this course must submit a written request to the Committee on Honors by the end of the junior year. (Not open to candidates for departmental honors.)

Credit, 3 hours

Departmental Honors Programs

A number of departments in the College offer specialized honors programs for highly qualified majors, who may be graduated "with Honors" in their major field. Information on these programs is given under the departmental headings below.

Biology

PROFESSORS ALLEN, COCKE, DAVIS, FLORY
ASSOCIATE PROFESSORS AMEN (Chairman), DIMMICK,
HIGGINS, McDONALD, OLIVE, SULLIVAN, WYATT
ASSISTANT PROFESSORS ESCH, HEIN

A major in Biology consists of 36 hours which must include Biology 111, 112, 151, 152* and at least one course from four of the following five groups:

- A. Regulatory Biology: Biology 309, 313, 350, 355.
- B. Structural and Developmental Biology: Biology 220, 227, 228, 260, 372.
- C. Environmental Biology: Biology 240, 341, 344, 345.
- D. Systematic Biology: Biology 226, 231, 233, 321, 334, 338.
- E. Interdisciplinary and Synthesizing Biology: Biology 314, 318, 319, 390; including at least one course from Biology 227, 228, 318, 338, 345, 355.

A student must achieve an overall QPR of 2.0 on all Biology courses attempted to graduate with a major in Biology.

Required related courses for the major are one year of Physics and at least one semester of Organic Chemistry. Certain substitutions in required related courses may be made with the written permission of the Chairman of the Biology Department.

The Physics requirement may be waived in the case of Biology majors who meet the requirements for a Class A teaching certificate in Biology. Majors in Biology who meet the requirements for a Class A teaching

* Students who have satisfactorily completed courses equivalent to Biology 111, 112 with written permission of the Chairman of the Biology Department may be allowed to take Biology 151, 152, provided they add other courses to complete the required hours in Biology. Students who have satisfactorily completed courses equivalent to Biology 151, 152 with the written permission of the Chairman of the Biology Department may be allowed to omit these courses from the requirements and substitute other courses to complete the required hours in Biology. Both 111, 112 and 151, 152 may not be omitted.

certificate in Biology may substitute Education 291, Materials and Methods in Mathematics and Science, for three of the 36 hours of required Biology.

Advanced work in many areas of Biology may require additional Chemistry and Mathematics courses. The major advisor will call these to the attention of majors, depending on their individual needs.

Highly qualified Biology majors are invited by the Department to apply for admission to the honors program in Biology. They must meet certain preliminary requirements, earn a QPR of not less than 3.0 on all college work and 3.3 on all work in Biology, complete Biology 391, 392 and pass a comprehensive oral examination. They are then graduated with the distinction "Honors in Biology." For additional information consult members of the Biology staff.

For majors, Biology 151, 152 are prerequisites for all courses numbered above 152 with the exception of Biology 218, 301, 302, and 305. Non-majors may take other courses after having completed only Biology 111, 112 with the written permission of the instructors of the courses.

The following schedule is recommended for students who desire to major in Biology:

FRESHMAN YEAR	SOPHOMORE YEAR
English 111, 112	English 153, 156
Mathematics (6 hours)*	History 111, 112
Language 151, 152†	Pol Sci., Sociol. and Anthro., or
Biology 111, 112	Econ. 6 hours
Chemistry 111, 114‡	Biology 151, 152
Physical Education 111, 112	Chemistry 221, 222

* Students are recommended to take Mathematics courses selected from 111, 112, 161, 162.

† Students with language deficiencies or those beginning a new language must take Language 111, 112 here and make suitable adjustments in the remainder of the program.

‡ Students who do not complete both Biology 111, 112 and Chemistry 111, 114 are advised to complete Chemistry 111, 114 in Summer School to satisfy the prerequisites for Biology 151, 152 by the sophomore year.

Students taking Military Science or those with special deficiencies must modify this program. This will reduce the number of free electives available unless Summer School is utilized for these additional courses.

Biology

JUNIOR YEAR

Religion (6 hours)
Philosophy 211
Physics 111, 112
Required advanced Biology
Electives

SENIOR YEAR

Required Advanced Biology
Electives

111, 112. *General Biology and the Diversity of Life*

An introductory course in which the fundamental facts of the structure and activity of living systems are stressed with emphasis on the diversity of life. The laboratory work will provide examples of important biological principles and organisms. Three hours lecture, three hours of laboratory. Biology 111 prerequisite to Biology 112.

Credit, 4 hours each semester

151, 152. *Biological Principles and the Unity of Life*

An intermediate course stressing those physiological, developmental, genetic and evolutionary principles common to a wide range of living organisms, with considerable emphasis on the molecular and cellular aspects of biological organization. Three hours lecture and three hours laboratory. Prerequisite Biology 111, 112 and two semesters of general chemistry.

Credit, 4 hours each semester

218. *Botany for Everyday Use*

A course chiefly for upper-class non-biology majors, to develop a knowledge and appreciation of common plants and plant products. Among the topics dealt with are a brief survey of the plant kingdom, the distribution, some simplified identifications, propagation and cultural practices, plant hormone uses, broad economic uses, and literature of plants. Aimed at giving a broad but essentially non-technical view of the plant kingdom. Three hours lecture.

Credit, 3 hours

220. *Comparative Chordate Anatomy*

A comparative study of the anatomy of chordate animals. Dissection of type forms in the laboratory. Two hours lecture, four hours laboratory.

Credit, 4 hours

226. *Microbiology*

A study of the more important groups of microorganisms; bacteria, yeasts, molds, viruses, et cetera. Major emphasis will be placed on the bacteria and their activities. Two hours lecture, four hours laboratory.

Credit, 4 hours

227. *Survey of Non-vascular Plants*

Representative species of non-vascular plants (algae, fungi, mosses and others) will be examined with emphasis on morphology and phylogeny. Two hours lecture, four hours laboratory.

Credit, 4 hours

228. *Survey of Vascular Plants*

A comparative survey of the vascular plants with emphasis on the structure, reproduction, and classification of selected types to portray the evolutionary development of the group. Two hours lecture, four hours laboratory.

Credit, 4 hours

231. *Invertebrates*

A systematic study of invertebrates with emphasis on comparative morphology, taxonomy, and phylogenetic relationships. Three hours lecture, three hours laboratory.

Credit, 4 hours

233. *Vertebrates*

A systematic study of vertebrates with emphasis on identification, distribution, classification, adaptations, and ecology. Two hours lecture, four hours laboratory.

Credit, 4 hours

240. *Principles of Ecology*

Inter-relationships among living systems and their environments. Structure and dynamics of major ecosystem types. Contemporary problems in ecology. Two hours lecture, four hours laboratory.

Credit, 4 hours

260. *Vertebrate Embryology*

A study of vertebrate embryological development. Two hours lecture, four hours laboratory.

Credit, 4 hours

301. *Principles of Modern Botany*

A course for secondary school teachers designed to illustrate selected biological principles. A survey of the plant kingdom with emphasis on taxonomy and phylogeny will be followed by a consideration of important physiological principles. Laboratory exercises and field work will be designed to be helpful to secondary school teachers in organizing their own laboratories. Not for credit toward a M.A. in Biology.

Credit, 3 hours

302. *Principles of Modern Zoology*

A course for secondary school teachers designed to illustrate important biological principles. Lectures will include a survey of the animal

Biology

kingdom followed by a review of the basic principles of animal reproduction, genetics, ecology, and evolution. Laboratory exercises and field work will be designed to be helpful to high school teachers in organizing and directing laboratory exercises in their own schools. Techniques for preparing laboratory specimens and demonstration materials will be considered. Not for credit toward a M.A. in Biology.

Credit, 3 hours

305. *The Teaching of Modern and Advanced Biology*

A course designed to provide opportunity for cooperation between University and Public School personnel in implementing new courses for the teaching of biology. Participation is limited to experienced teachers of biology. Lectures include supplemental information selected from recent advances in methodology. Laboratory exercises are designed for training in techniques of inquiry applications in problem solving. To receive credit, a student must complete a six-weeks summer session and six class sessions during an academic year. Not for credit toward a M.A. in Biology.

Credit, 6 hours

309. *Genetics*

A study of the principles of inheritance and their application to plants and animals, including man. Three hours lecture.

Credit, 3 hours

311. *Genetics Laboratory*

A laboratory course in the methods of breeding some genetically important organisms and of compiling and presenting genetic data. Biology 311 may not be taken independently of Biology 309. Two hours laboratory.

Credit, 1 hour.

313. *Biological Effects of Radiations*

The action of ionizing and excitational radiations on living systems, the mechanisms of radiation damage, and the morphological and physiological effects. Two hours lecture and two hour laboratory. Prerequisites or corequisites, Chemistry 221, 222 and Physics 111, 112.

Credit, 3 hours

314. *Principles of Evolution*

Analysis of the theories, evidences, and mechanisms of evolution. Three hours lecture.

Credit, 3 hours

318. *Economic Botany*

A study of plants in terms of their economic importance, both positive and negative. Groups are considered systematically starting

with the lower plants. Emphasis is placed on spermatophytic taxa yielding products useful to man. It is recommended that students complete Biology 228 before taking this course. Three hours lecture.

Credit, 3 hours

319. *History of Biological Sciences*

A survey of the historical background and development of the biological sciences together with a biographical study of the outstanding biologists and physicians. Three hours lecture.

Credit, 3 hours

321. *Animal Parasitology*

A survey of protozoan, helminth, and arthropod parasites from the standpoint of morphology, taxonomy, life-histories, and host-parasite relationships. The laboratory will include a detailed study of representative types and techniques for collecting, preserving, and preparing animal parasites for study and identification. Two hours lecture, four hours laboratory.

Credit, 4 hours

334. *Entomology*

A study of insects from the standpoint of structure, development, taxonomy, and phylogenetic relationships. Economic aspects will be included. Two hours lecture, four hours laboratory.

Credit, 4 hours

338. *Taxonomy of Seed Plants*

A study of the classification of seed plants, with emphasis on a comparative study of orders and families. Collection, identification, and preparation of herbarium specimens will be stressed. Two hours lecture, four hours laboratory.

Credit, 4 hours

341. *Population Ecology*

A study of the biology of populations with emphasis on dynamics and ecological relationships. Growth curves, cycles, and fluctuations; interspecific and intraspecific phenomena including predation, competition, distribution, social factors; interactions with environment; life tables, regulatory mechanisms. Prerequisite Biology 240 or written permission of instructor. Two hours lecture, four hours laboratory.

Credit, 4 hours

344. *Aquatic Ecology*

A study of the hydrosphere; an introduction to biological limnology and oceanography with emphasis on the interrelationships between the biotic and abiotic factors in the environment. Prerequisite Biology 240 or written permission of the instructor. Two hours lecture, four hours laboratory.

Credit, 4 hours

Biology

345. *Physiological Ecology (autecology)*

An intensive study of organisms as they are affected by the physical factors of their environment, with emphasis on the tolerance of selected seed plants to conditions of salinity, moisture stress, temperature, and light. Considerable attention will be given to photoperiodism, vernalization, and drought. Prerequisite Biology 240 or written permission of the instructor. Two hours lecture, four hours laboratory. *Credit, 4 hours*

350. *Animal Physiology*

A study of comparative animal physiology. Introduction is made to the applications of biochemistry-biophysics, including quantum mechanics, thermodynamics and cybernetics in explaining physiological processes. Prerequisite, one year of chemistry. Organic chemistry and one year of physics are recommended. Two hours lecture, four hours laboratory. *Credit, 4 hours*

355. *Plant Physiology*

The biophysics and biochemistry of major plant processes. Consideration will be given to the homeostasis, bioenergetics, and cybernetics of plant systems; with emphasis on the control mechanisms in nutrition, metabolism, growth and development. Prerequisite, general physics and general chemistry. Organic chemistry is recommended. Two hours lecture, four hours laboratory. *Credit, 4 hours*

372. *Vertebrate Histology*

A comparative study of the microscopic anatomy of vertebrates. Two hours lecture, four hours laboratory. Prerequisites: Biology 220 or 260. *Credit, 4 hours*

390. *Scientific Communication*

An introduction to bibliographic and graphic methods, including microscopy, instrumentation, photography, scientific drawing and writing, and preparation of manuscripts. Open to graduate students and seniors by permission of instructor. Two hours lecture, two hours laboratory. *Credit, 3 hours*

391, 392, 393, 394. *Special Problems in Biology*

Independent library and laboratory investigation carried out under the supervision of a member of the staff. Registration by permission of the instructor. Three hours per week. A maximum of two of these courses may be scheduled in any one semester

Credit, 1 hour each course

Chemistry

417.	<i>Cytology and Cytogenetics.</i>	<i>Credit, 4 hours</i>
421.	<i>Helminth Parasitology</i>	<i>Credit, 4 hours</i>
425.	<i>Comparative Plant Anatomy</i>	<i>Credit, 4 hours</i>
426.	<i>Mycology</i>	<i>Credit, 4 hours</i>
427.	<i>Phycology (Algology)</i>	<i>Credit, 4 hours</i>
431.	<i>Advanced Invertebrate Zoology</i>	<i>Credit, 4 hours</i>
433.	<i>Advanced Vertebrate Zoology</i>	<i>Credit, 4 hours</i>
438.	<i>Dendrology</i>	<i>Credit, 4 hours</i>
450.	<i>Cellular Physiology</i>	<i>Credit, 4 hours</i>
453.	<i>Comparative Invertebrate Physiology</i>	<i>Credit, 4 hours</i>
454.	<i>Ecological Animal Physiology</i>	<i>Credit, 4 hours</i>
455.	<i>Plant Growth and Development</i>	<i>Credit, 4 hours</i>
460.	<i>Experimental Embryology</i>	<i>Credit, 4 hours</i>

Chemistry

PROFESSORS NOWELL, P. J. HAMRICK, MILLER

ASSOCIATE PROFESSORS BLALOCK, GROSS

ASSISTANT PROFESSORS BAIRD, ECKROTH, NOFTLE

In addition to the basic courses prescribed by the College, a student desiring to receive the B.S. degree with major in Chemistry is required to take the following course: Chemistry 111-114, 221-222, 332, 361, 341-342, and one course from Chemistry 323, 324, 331; Physics 111-112, Mathematics 112, 113. An average of C in the first two years of Chemistry is required of students who elect to major in this Department. Admission to any class is conditioned by satisfactory grades in prerequisite courses and registration for advanced classes must be approved by the Department.

Wake Forest College is on the list of schools approved by the American Chemical Society. Students who receive the Bachelor's Degree and are certified by the chairman of the department as having fulfilled the minimum requirements for professional training as adopted by the Society are eligible for membership senior grade in the Society, within two years following graduation and after two years experience in the field of chemistry. Students who desire a specific statement of the minimum requirements of the Society should consult with the staff member who serves as major adviser for students majoring in chemistry.

The following schedule is recommended for students who desire to major in Chemistry: (By following this schedule and the advice of the major adviser a student can meet the minimum requirements of the American Chemical Society.)

FRESHMAN YEAR*

Chemistry 111, 114
English 111, 112
German, 111, 112
†History 111, 112
Mathematics 105, 111
Physical Education 111, 112

SOPHOMORE YEAR*

Chemistry 221, 222
English 153, 156
German 151, 152
Mathematics 112, 113
Physics 111, 112

JUNIOR YEAR*

Chemistry 341-342
Chemistry 332
Philosophy 211
Political Science, Sociology
or Business Administration,
6 hours [See page 113]
Religion, 6 hours [See page 113]
‡Electives, 3 hours

SENIOR YEAR*

Chemistry 361
Chemistry, 4 hours
‡Electives, 21 hours

* Military Science may be taken in addition to the courses listed.

† The premedical student should schedule Biology.

‡ Chosen on the advice of the major adviser.

111. *General Chemistry*

A course emphasizing fundamental chemical principles. The laboratory covers basic chemical principles and the essentials of qualitative analysis. Three hours lecture, four hours laboratory.

Credit, 4 hours

114. *General Chemistry and Quantitative Analysis*

A continuation of Chemistry 111 with application of principles to quantitative analysis and inorganic substances. The laboratory work is devoted to the concepts and techniques of quantitative analysis. Prerequisite: Chemistry 111. Three hours lecture, four hours laboratory.

Credit, 4 hours

131. *Quantitative Analysis*

A course in principles and methods of quantitative analysis for students whose course of study requires additional analytical chemistry. Chemistry 332 may be substituted for Chemistry 131, but Chemistry 131 may not be substituted for Chemistry 332. Prerequisites: Chemistry 114 and three hours of Mathematics. Three hours lecture, four hours laboratory.

Credit, 4 hours

221, 222. *Organic Chemistry*

A study of the chemistry of the aliphatic and aromatic organic compounds. Prerequisite: Chemistry 114. Three hours lecture, four hours laboratory.

Credit, 4 hours each semester

281, 282. *Senior Research*

Library, conference, and laboratory work. Open only to major students with a superior record. Six hours a week.

Credit, 2 hours each semester

301, 302. *Principles of Chemistry*

A two-semester lecture and laboratory course stressing the theory of chemical bonding, of acid-base behavior, of oxidation-reduction behavior, and of equilibria and the principles of separation and analysis. The laboratory will include both qualitative and quantitative experiments chosen to supplement the lecture material. Designed for teachers holding Class A certificate; may not count as credit toward the M.A. in Chemistry. Prerequisite: One year of college chemistry.

Credit, 3 hours each semester

305. *Introductory Organic Chemistry*

A treatment of organic chemistry designed to acquaint the student with the main functional groups of organic chemistry and the more

Chemistry

important types of organic reactions. Designed for teachers holding Class A certificate; may not count as credit toward the M.A. in Chemistry. Prerequisite: Two years of college chemistry or Courses 301, 302. *Credit, 3 hours*

323. *Organic Analysis*

A lecture and laboratory course in the systematic identification of organic compounds, including an introduction to instrumental methods of qualitative organic analysis. Prerequisite: Chemistry 222. Two hours lecture, four hours laboratory. *Credit, 4 hours*

324. *Organic Preparations*

A library, conference, and laboratory course in the preparation of organic compounds. Prerequisite: Chemistry 222. Six hours a week. *Credit, 3 hours*

331. *Instrumental Analysis*

A course in the application of physical methods to analytical chemistry. Prerequisite: Chemistry 341. Two hours lecture, four hours laboratory. *Credit, 4 hours*

332. *Analytical Chemistry*

A lecture and laboratory course in the principles and methods of analytical chemistry. Prerequisite: Chemistry 341. Three hours lecture, six hours laboratory. *Credit, 5 hours*

341, 342. *Physical Chemistry*

A course in the fundamentals of physical chemistry. Prerequisites: Chemistry 222, Physics 111-112, and satisfactory work in differential and integral calculus. Three hours lecture, four hours laboratory. *Credit, 4 hours each semester*

361. *Inorganic Chemistry*

A lecture and laboratory course devoted to the principles and theory of modern inorganic chemistry. Prerequisites: Chemistry 341 and Physics 111. Three hours lecture, three hours laboratory. *Credit, 4 hours*

381, 382. *Seminar*.

Discussions of advanced topics in chemistry, especially as applied to contemporary research. Seminars conducted by staff members and visiting scientists. Open to senior majors and graduate students. One hour per week. No credit given for one semester only. Only one hour seminar credit may count toward the Master's Degree. *Credit, 1 hour for two semesters*

Courses for Graduate Students*

- 421, 422. *Advanced Organic Chemistry*
Credit, 3 hours each semester
423. *Heterocyclic Chemistry* Credit, 3 hours
441. *Molecular Structure* Credit, 3 hours
445. *Thermodynamics* Credit, 3 hours
447. *Chemical Bonding* Credit, 3 hours
- 491, 492. *Thesis Research*
Credit, 3 hours each semester for two semesters

Classical Languages and Literature

PROFESSOR EARP

ASSOCIATE PROFESSOR C. V. HARRIS

INSTRUCTORS E. MERRILL, ROBERTS, TUCKER, J. W.
WILSON

A major in this Department consists of a minimum of 30 hours in either Greek or Latin.

I

Greek Language and Literature

111, 112. *Elementary Greek*

Greek grammar; selections from Greek prose writers and poets; collateral reading on Greek mythology, history, and antiquities.

M T W Th F 9:00

211. *Xenophon*

Xenophon: *Anabasis*, fall term. Thorough drill in syntax.

M W F 8:00

212. *Homer*

Homer: *Iliad* and *Odyssey*, spring term. Thorough drill in syntax.

M W F 2:00

* For course descriptions, see the Graduate *Bulletin*.

222. *Plato*

Plato: *Meno* or *Apology*, *Crito*, and selections from the *Phaedo*, spring term.

M W F 10:00

231. *The Greek New Testament*

Selections from the Greek New Testament, fall term.

M W F 10:00

261. *Greek Tragedy*

Euripides: *Medea*. This course will include a study of the origin and history of Greek tragedy, with collateral reading of selected tragedies in translation.

T Th 11:00

262. *Greek Comedy*

Aristophanes: *Clouds*. This course will include a study of the origin and history of Greek comedy, with collateral reading of selected comedies in translation.

T Th 11:00

271. *Greek Civilization*

Lectures and collateral reading upon those phases of Greek civilization which have particular significance for the modern world. Given the first semester. This course is recommended especially to juniors and seniors. A knowledge of the Greek language is not required.

T Th 2:00

272. *Greek Literature in Translation*

A study of selections from Greek literature in English translation. Given the second semester. This course is recommended especially to juniors and seniors. A knowledge of the Greek language is not required.

T Th 2:00

II

Latin Language and Literature

111, 112. *Introductory Latin*

A course intended for students who have never studied Latin and for those who present only one unit of Latin for entrance.

M W F 8:00, 1:00; T Th S 8:00, 11:00

151, 152. *Grammar, Cicero, Vergil*

This course will include (a) grammar, (b) Cicero's *Letters*, Vergil's *Aeneid*. Prerequisite, two units of entrance Latin or Latin 111, 112.

M W F 11:00, 2:00; T Th S 8:00

211, 212. *Livy, Horace, Pliny*

Livy: *Selections*, first semester. Horace: *Odes* and *Epodes*, Pliny's *Letters*, second semester. Prerequisite, four units of entrance Latin or Latin 111, 112 and 151, 152.

M W F 9:00, 2:00

221, 222. *Tacitus, Horace, Martial*

Tacitus: *Germania* and *Agricola*, first semester. Horace: *Satires* and *Epistles*; Martial: *Epigrams*, second semester.

M W F 10:00

241, 242. *Roman Comedy and Satire*

Selected plays of Plautus and Terence, first semester. Petronius and Juvenal, second semester.

T Th S 9:00

250. *Latin Prose Composition*

Hours to be arranged.

Credit, 3 hours

261, 262. *Roman Philosophy*

Lucretius, Cicero.

T Th S 9:00

271. *Roman Civilization*

This course consists of lectures and collateral reading upon the general subject of Rome's contributions to the modern world. It is recommended especially to juniors and seniors. A knowledge of the Latin language is not required.

T Th 11:00

272. *Latin Literature in Translation*

A study of selections from Latin literature in English translation. This course is recommended especially to juniors and seniors. A knowledge of the Latin language is not required.

T Th 11:00

Economics

A major in economics with the B.A. degree and a concentration in economics with the B.B.A. degree are offered in the School of Business Administration. Courses in economics are open to all students. For a description of the program see the School of Business Administration section of the catalog.

5

Education

PROFESSORS PARKER, MEMORY, PRESEREN
ASSOCIATE PROFESSORS ELMORE, HALL, REEVES
ASSISTANT PROFESSOR SYME

Institutional Policy. The University recognizes that the educational profession is important to society and that the welfare of mankind is largely determined by the quality of educational leadership. One of the major objectives of Wake Forest University has been and continues to be the preparation of teachers and other professional school personnel. This commitment was reemphasized by vote of the faculty on November 18, 1963.

Wake Forest is committed to a high quality teacher education program, as evinced by selective admission to the program; a wide range of approved courses of professional instruction; and a closely supervised practicum suitable to the professional needs of the students.

In addition to the professional program, the Department of Education provides elective courses open to all students, including those not in teacher education programs. Such courses supplement the work of other departments and provide generally for the liberal education of all students.

Teacher Certification. The North Carolina State Department of Public Instruction issues the Professional Class A teacher's certificate to graduates of the University who have completed an Approved Program, including the specified courses in their teaching field(s) and the prescribed courses in Education, and who receive recommendations from the designated official (s) of their teaching area(s) and from the Chairman of the Department of Education.

Special students not completing an Approved Program are required to secure an analysis of their deficiencies for the Class A certificate from the Division of Teacher Education of the North Carolina State Department of Public Instruction. The Wake Forest Department of Education will then plan a program to remove these deficiencies.

Certification requirements for other states should be secured from the State Department of Public Instruction in the state where certification is sought. The Wake Forest Department of Education will then assist in planning a program to meet certification requirements of that state.

Admission Requirements. Admission to the teacher education program occurs normally during the sophomore year. Admission involves filing an official application with the Department of Education, being screened by a faculty committee, and being officially approved by the Department of Education.

Course Requirements. Junior standing is a general prerequisite for all courses in Education. Psychology 151 and Speech 151 are recommended electives.

The Approved Program of Teacher Education requires candidates to complete successfully 18 semester hours in Education, including Education 201, 211, 251,

291, and 331. Education 211 is taken in the junior year or first semester of the senior year but prior to the other required courses. The remaining work in the teacher education program is taken simultaneously during one semester of the senior year, according to availability of programs. The methods courses (291) in English and Social Studies are offered each semester; Foreign Languages and Science are offered only in the fall semester; and Mathematics, Music, Physical Education and Health, and Speech are offered only in the spring semester.

While enrolled in the block semester, the student will not be allowed to take courses concurrently that would interfere with being in an assigned student teaching situation for the regular public school day (generally 8:00 a.m. to 3:45 p.m.) nor allowed to take more than one course occurring outside the regular school day.

Major in the Department of Education. Ordinarily, teacher education students major in the academic area in which they plan to teach. Only students planning to be certificated in the broad areas of Science or Social Studies are permitted to major in Education.

Student Teaching. Prerequisites for registering for Student Teaching include:

1. Senior or graduate standing or classification as a graduate-level special student.
2. A grade average of at least C on all courses taken at Wake Forest.
3. A grade average of at least C on all courses taken in the area of certification or, in cases of two or more fields of certification, in each of the areas.
4. Approval for admission to the Teacher Education Program.
5. Successful completion of Education 211.

6. Approval by a Student Teaching Screening Committee.

Students are assigned to Student Teaching opportunities on the basis of available positions and professional needs of the students. The University does not assume the responsibility for transportation to the schools during Student Teaching.

Academic Requirements

English—36 hours, including English 111, 112, 153, 156, 301, 323; at least 3 additional hours in a literature course; at least 3 additional hours in a language course.

French—30 hours, including French 151, 152, 211, 212, 221, 222, 223, 224, or their equivalents; at least 6 hours of courses in literature beyond 212.

German—30 hours, including German 151, 152, 211, 212, 217, 218, 219, 220, or their equivalents; at least 6 hours of courses in literature beyond 212.

Latin—24 hours based on two or more high school units; otherwise 30 hours.

Spanish—30 hours, including Spanish 151, 152, 211, 212, 221, 222, 223, 224, or their equivalents; at least 6 hours of courses in literature beyond 212.

Mathematics—30 hours, including Mathematics 111, 112, 113, 121, 321, 331, 332; others as prescribed by the chairman of the Mathematics department.

Music—Approximately 41 hours. For further information, consult Music department section of this catalog or the chairman of the Music department.

Physical Education and Health—44 hours, including Physical Education 220, 221, 224, 251, 254, 258, 352, 353, 355, 356, 357, 363, 222 or 228, and Biology 111, 112.

Science—46 to 51 hours, including 8 in Biology, 8 in Chemistry, 8 in Physics, 6 in Mathematics, plus further depth in Biology (16 hours), Chemistry (21 hours), or Physics (17 hours). Certification is allowed in Biology with 24 hours, in Chemistry with 29 hours, or in Physics with 25 hours.

Education

Social Studies—42 hours, including History 111, 112, 151, 152, Business Administration 213, 214, Political Science 151, 152, Sociology 151, 9 additional hours of History divided between the American and non-American fields, 3 additional hours of Sociology, 3 hours of Geography. Certification is allowed in each of the fields of Economics, History, Political Science and Sociology with 24 hours in that field.

Speech—30 hours, including Speech 151, 161, 121 or 228, 231, 241 or 242, 252, 261 and 152 or 251 and 272.

Educational Psychology

This course is required for a teaching certificate and is prerequisite to the other required courses.

211. *Educational Psychology*

General principles of adolescent developmental behavior. Physical, social, and psychological aspects of personality development and individual differences. Nature, theory, and conditions of learning. Techniques of problem solving. Appraising and directing learning. Internship in appropriate agency is required.

M W F 12:00, 2:00, 3:00, each term

Credit, 3 hours

Required Courses

These courses are required for a teaching certificate and are taught in a block. Classes meet six days a week during the first six and last two weeks of the semester in courses 201, 291, and 331. Course 251 occupies the other eight weeks of the semester.

201. *Secondary Education*

An examination of the fundamental principles involved in the organization and administration of the high school curriculum in the light of individual and social needs; adolescence, pupil accounting, co-curricular activities, pupil promotion policies and practices, and articulation.

M T W Th F S 9:00, each term

Credit, 3 hours

251. *Directed Teaching*

This course contains the specific activities identified with systematic and formal observations, supervised student teaching, and with

varied activities related to the job of actual teaching, as specified by regulations of State Department of Public Instruction. Seniors only. C average, or higher, required in subject of certification and over all. Graded "Pass-Fail." For other prerequisites see page 144.

Hours to be arranged, each term

Credit, 6 hours

291. *Methods and Materials*

A functional approach to methods and materials actually used in the respective subjects in public high schools. Teaching of Foreign Languages and Science offered fall term only. Teaching of Health and Physical Education, Mathematics, Music and Speech offered spring term only.

M T W Th F S, 8:00

Credit, 3 hours

Teaching of English

Teaching of Foreign Languages

Teaching of Health and Physical Education

Teaching of Mathematics

Teaching of Music

Teaching of Science

Teaching of Social Studies

Teaching of Speech

331. *Educational Organization, Administration, and Evaluation*

School organization and administration including pupil personnel services, financial support, legal basis for education, and federal, state, and local relationships in the provision of public education. Accreditation and teacher certification, and the evaluation of the total school program.

M T W Th F S 11:00

Credit, 3 hours

Elective Courses

301. *Audio-Visual Education*

A survey of the theory, history, and techniques of using audio-visual aids, and their application to the current educational program.

M W 3:00-4:15

Credit, 3 hours

Education

303. *History of European Education*

A study of educational theory and practice from Greek civilization through nineteenth century Europe. Particular emphasis will be placed upon the writers and philosophers who have contributed to Western educational thought.

Fall term M W F 9:00

Credit, 3 hours

304. *History of American Education*

A study of education in the United States from Colonial days to the present. Special focus will be directed toward the social forces which have influenced American educational thought.

Spring term M W F 9:00

Credit, 3 hours

321. *Measurement and Guidance*

Introductory course. A study of individual differences through statistical techniques as applied to mental and educational measurement; the interpretation and use of standard tests, the construction of informal objective tests, counseling, and audio-visual aids.

M W F 9:00, 11:00

Credit, 3 hours

341. *Introduction to Counseling*

Philosophical, psychological, social, and historical foundations of counseling. Counseling theories and techniques, including psychoanalytic, client-centered, eclectic, behavioral, and existential approaches. Relation of counseling to learning and religion. Organization and administration of student personnel programs. Counseling research.

M W F, 10:00

Credit, 3 hours

Courses for Graduate Students*

405. *Sociology of Education*

STAFF

Credit, 3 hours

407. *Philosophy of Education*

STAFF

Credit, 3 hours

411. *Human Growth and Development*

STAFF

Credit, 3 hours

413. *Psychology of Learning*

STAFF

Credit, 3 hours

* For course descriptions, see the *Graduate Bulletin*.

Education

421. *Educational Research* STAFF
Credit, 3 hours
431. *Foundation of Curriculum Development* PARKER
Credit, 3 hours
433. *Supervision of Instruction* MESSRS. HALL, PARKER
Credit, 3 hours
435. *Organization and Administration of Education* MESSRS. HALL, PARKER
Credit, 3 hours
441. *Psychology of Counseling* ELMORE
Credit, 3 hours
443. *Vocational Psychology* STAFF
Credit, 3 hours
445. *Counseling Laboratory and Internship* STAFF
Credit, 3 hours
- 451, 452. *Administrative Internship* Credit, 3 hours each Semester
- 491, 492. *Thesis Research* Credit, 3 hours each semester
493. *Basic Concepts of Remedial Reading* Credit, 3 hours
494. *Advanced Practices in Remedial Reading* Credit, 3 hours
495. *High School Reading* Credit, 3 hours

English

PROFESSORS E. G. WILSON, GOSSETT, SNUGGS

ASSOCIATE PROFESSORS AYCOCK, BROWN, CARTER,
KENION, PHILLIPS, POTTER

ASSISTANT PROFESSORS J. B. ALLEN, DRAKE, FOSSO,
GRAY, RAYNOR, SHORTER, WALHOUT*

INSTRUCTORS BERCES, HAGEN, HOLLOWELL, SMALL,
TILLEY, B. L. WILSON

LECTURER SHAW

Courses 111, 112, and 153, 156, for freshmen and sophomores, are prescribed for all degrees, and are pre-requisites for admission to all advanced courses in English.

The major in English requires a minimum of 30 credit hours, of which at least 18 must be taken in the junior and senior years in courses numbered above 200. The minimum requirement for all English majors is five advanced courses in literature. Of these, three must be in English literature (including one in literature before 1700 and one in literature after 1700) and one in American literature. The advanced courses must also include one course in each of the major *genres*: poetry, fiction, and drama; and one single-author course and one period course.

(A single course may satisfy two or three of the categories above. For example, a course in Shakespeare would satisfy the requirements for a course in English literature before 1700, a course in drama, and a single-author course.)

Highly qualified English majors are considered by the Department for admission to the honors program in English. They must meet certain preliminary requirements; earn a QPR of not less than 3.0 on all col-

* Absent on leave, 1967-68.

lege work and 3.3 on all work in English; complete at least 20 hours in advanced courses in English, meeting the distribution requirements for all English majors and including in addition English 281, 282 (to be taken in the senior year); complete satisfactorily a senior research paper; and pass a comprehensive examination based on a general reading list and on a specialized reading list in a special area chosen by the student. They are then graduated with the designation of "Honors in English." For additional information consult members of the Department of English.

11. *Composition Review**

Essentials of standard usage and the basic principles of unity and coherence in sentence and paragraph; frequent themes. Required of those who have been assigned "composition conditions" (see footnote on this page). The course carries no credit; the class meets three hours per week.

111. *English Composition*

A basic course in writing, which provides training in clear thinking and effective expression; frequent themes, corrective exercises, reading in modern prose, individual conferences; no credit given until the student has demonstrated ability to write satisfactorily.

Credit, 3 hours

112. *Composition and Literature*

Study and practice in the several types of writing, with special attention to the preparation of an investigative paper; readings in modern literature, with themes related to the reading; originality and individuality of style emphasized. Prerequisite, English 111.

Credit, 3 hours

* Proficiency in the use of the English language is recognized by the Faculty as a requirement in all departments. A composition condition, indicated by *cc* under the grade for any course, may be assigned in any department to a student above the freshman year whose writing is unsatisfactory, regardless of previous credits in composition. Also the composition of all rising juniors, both Wake Forest students and transfers, is examined for proficiency. The writing of Wake Forest students is checked during their last course in sophomore English; that of transfers is checked during the orientation period each fall. For removal of a composition condition the student is required to take English 11 during the first semester for which he registers following the assignment of the *cc*. Since English 11 is not taught in the summer terms, a summer school student needing to remove a composition condition may repeat English 111 without credit. Removal of the deficiency is prerequisite to graduation.

153. *Major British Writers I*

A study of major works of several British poets and prose writers, including Chaucer, Spenser, Shakespeare, Milton, and Swift. Emphasis on reading rather than on literary history. Prerequisite, English 111-112. *Credit, 3 hours*

154. *Major British Writers II*

A study of several British writers from the Romantic, Victorian, and modern periods. Emphasis on reading rather than on literary history. May not be taken in the place of English 153 or English 156. Prerequisite, English 111-112. *Credit, 3 hours*

156. *Major American Writers**

A study of major American writers, including Poe, Emerson, Hawthorne, Thoreau, Melville, Whitman, Dickinson, and Mark Twain. Emphasis on reading rather than on literary history. Prerequisite, English 111-112. *Credit, 3 hours*

212. *Literary Criticism*

Study of the basic principles of the great critics with practical application to specific literary works. Prerequisite, English 153, 156. *Credit, 3 hours*

246. *Modern Drama*

Extensive reading in the works of representative European, British and American dramatists from Ibsen to the present, in approximately chronological order, with attention to purposes, themes, and the evolution of modern techniques. Prerequisite, English 153, 156. *Credit, 3 hours*

248. *The Modern Novel*

Readings in recent fiction. Emphasis on British authors. Prerequisite, English 153, 156. *MR. POTTER*
Credit, 3 hours

253. *American Fiction*

Studies in the novel and the short story, with reading of representative works of Cooper, Poe, Hawthorne, Melville, James, and others. Prerequisite, English 153, 156. *Credit, 3 hours*

261. *Essay Writing*

Primarily for those who are interested in writing for publication, with concentration on the various types of essays; wide reading

* This course is required of all sophomores in Wake Forest College, on the theory that every college student should have an introduction to the literature of his own country. It is not required of students who transfer from other standard institutions with credit for the regular one-year course in sophomore literature, regardless of the content.

in both modern and older essays; admission to the class only after conference with the instructor. Prerequisite, English 153, 156.

MR. SHAW
Credit, 2 hours

262. *Short Story Writing*

A study of the fundamental principles of short fiction writing, with much collateral reading in the short story, and constant practice in writing; admission by consent of the instructor. Prerequisite, English 153, 156.

MR. SHAW
Credit, 2 hours

263. *Expository Writing*

A course in the theory and practice of exposition and expository argumentation. Open only to students who lack the prerequisites for English 264. May not be taken by a student who has already received credit for English 264. Not credited toward an English major. Prerequisite, English 153, 156.

MRS. RAYNOR
Credit, 3 hours

264. *Advanced Expository Writing*

An advanced course in exposition. Emphasis on logical thinking and on clarity and cogency in organizational structure and style. May not be taken by a student who has already received credit for English 263. Not credited toward an English major. Prerequisites, English 153, 156, C average in freshman English, and permission of the instructor.

MRS. RAYNOR
Credit, 3 hours

281, 282. *Honors Course in English*

A conference course for senior students who wish to graduate "with Honors in English." Under the guidance of the Honors Advisor, the student will satisfy the special reading requirement and the thesis requirement described in "The English Departmental Honors Program," copies of which are available in the English office. Students who intend to enroll in this course will be expected to begin work on the special reading requirement in their junior year.

MR. POTTER
Credit, 2 hours each semester

291. *Education—The Teaching of English*

A course which is credited as Education in the professional requirement for a high school teacher's certificate. A thorough review of English grammar with emphasis on the functional approach; directions for and activity in teaching composition and literature for high school students; use of audio-visual aids. Prerequisites, senior standing, English major, and a superior record.

MR. AYCOCK
Credit, 3 hours

301. *The Structure of English*

An introduction to the principles and techniques of descriptive linguistics applied to contemporary American English. The chief concern is with syntax, morphology, and phonology. Some attention to (1) usage, (2) the relation of the phonemic system to orthography, and (3) regional variations in grammar, pronunciation, and vocabulary. Students are required to write two or three short papers. The course satisfies a state requirement for public-school certification in English. It is also open to students who do not plan to teach. Prerequisite, English 153, 156.

MISS HOLLOWELL

Credit, 3 hours

304. *History of the English Language*

A survey of the development of English syntax, morphology, phonology, and vocabulary from Old English through Middle and Early Modern English to the present day, with some attention to the relation of English to the Indo-European language family. Prerequisite, English 153, 156.

Credit, 3 hours

310. *Introduction to Medieval Literature*

A study of important medieval literary works, exclusive of Chaucer's, illustrating literary genres, theories of interpretation, and major literary themes. Attention will be given to problems of bibliography and language relevant to the readings. Prerequisite, English 153, 156.

MR. ALLEN

Credit, 3 hours

311. *English Drama to 1580*

Reading of representative selections of English dramatic literature from the medieval beginnings to 1580, studied in relation to liturgical, literary, and social background, and used as a basis for consideration of dramatic theory. Primary emphasis is on the Cycle Plays and the Moralities. Prerequisite, English 153, 156.

MR. SHORTER

Credit, 3 hours

315. *Chaucer*

An introduction to Chaucer as a literary artist and master storyteller, with emphasis on *The Canterbury Tales* and *Troilus and Criseyde* studied in relation to sources, and to literary and social background. Prerequisite, English 153, 156.

MR. SHORTER

Credit, 3 hours

320. *Spenser*

Life and works of Edmund Spenser in relationship to the background of the Renaissance and to the Elizabethan era; concentration on *The Faerie Queene*. Prerequisite 153, 156.

MR. SNUGGS

Credit, 3 hours

323. *Shakespeare*

An introduction to Shakespeare as a dramatist and poet in relationship to his predecessors and contemporaries; a study of representative plays in the approximate chronological order, with the reading of additional plays; attention to problems of biography, dramatic companies, theatres, sources and criticism. Prerequisite, English 153, 156.

MR. SNUGGS

Credit, 3 hours

326. *English Literature, 1600-1660*

A survey of non-dramatic prose and poetry of the Seventeenth Century, exclusive of Milton. Reading will include poetry of Jonson, Donne, Herbert, Crashaw, Marvell, Herrick, and prose of Bacon, Burton, Browne, and Walton. Consideration of the religious, political, and scientific background of the period. Prerequisite, English 153, 156.

MR. FOSSE

Credit, 3 hours

327. *Milton*

A study of the poetical works of John Milton, with the concentration on *Paradise Lost*, and with the reading of selected prose; special attention to the life and personality of the author and to the literary and historical backgrounds of the era. Prerequisite, English 153, 156.

MR. SNUGGS

Credit, 3 hours

328. *The Age of Dryden*

A study of English prose, verse, and drama from 1660 to 1700. Emphasis on the works of John Dryden as the dominant figure of the period, on literary theory, and on the comedy of manners. Prerequisite, English 153, 156.

MR. KENION

Credit, 3 hours

331. *The English Novel to 1832*

The history of the English novel to 1832, chiefly through the reading and analysis of representative works which illustrate the evolution and progress of the form; emphasis on Defoe, Richardson, Fielding, Smollett, Sterne, Austen, and Scott. Prerequisite, English 153, 156.

MR. BROWN

Credit, 3 hours

333. *The Age of Pope*

A study of representative works of the major English writers of the period 1700-1740. Special emphasis upon Swift, Pope, Addison, and Steele, but attention also to other significant figures. Prerequisite, English 153, 156.

MR. KENION

Credit, 3 hours

334. *The Age of Johnson*

A study of the major English writers from Gray to Burns excluding the novelists; special attention to the letter writers and to Johnson, Boswell, Goldsmith, and Burns; collateral reading in Gibbon, Burke, and Reynolds. Prerequisite, English 153, 156.

MR. BROWN
Credit, 3 hours

337. *Romantic Poets*

A rapid survey of the beginnings of romanticism in English literature, followed by a study of Wordsworth, Coleridge, Byron, Keats, and Shelley; collateral reading in the prose of the period. Prerequisite, English 153, 156.

MR. WILSON
Credit, 3 hours

338. *Blake, Yeats, and Thomas*

A reading and critical analysis of the poetry of Blake, Yeats, and Dylan Thomas; some attention to the literary movements with which they are associated. Prerequisite, English 153, 156.

MR. WILSON
Credit, 3 hours

340. *Victorian Novelists*

A study of Dickens, Thackeray, the Brontes, Eliot, and Meredith, with some attention to their contemporaries; special attention to the social and literary background. Prerequisite, English 153, 156.

MR. DRAKE
Credit, 3 hours

341. *The Major Victorian Poets*

A study of Tennyson, Browning, and Arnold as literary artists and as exponents of the literary, social and philosophical concepts of their era. Prerequisite, English 153, 156.

MR. DRAKE
Credit, 3 hours

342. *From Victorian to Modern*

A study of English prose, poetry, and fiction from 1860 to 1900, with emphasis upon predominant social and intellectual currents of the period; writers to include Arnold, Huxley, Ruskin, Pater, Hardy, Swinburne, Meredith, and Butler. Prerequisite, English 153, 156.

MR. CARTER
Credit, 3 hours

345. *Twentieth Century Poetry*

A study of selected American and British poets of the twentieth century, with attention to the transition from post-Victorianism, the renaissance following 1912, experimentation, and present trends. Prerequisite, English 153, 156.

MISS PHILLIPS
Credit, 3 hours

355. *American Fiction from 1865 to 1915*

The emphasis will be on Twain and James, but the course will also include such writers as Howells, DeForest, Garland, Frederic, Cable, Crane, Norris, London, Dreiser, Wharton and Cather. Prerequisite, English 153, 156. *Credit, 3 hours*

356. *Intellectual and Social Movements in American Literature since 1915*

Studies in naturalism, the literature of World War I, the modern temper, literary debunkers of the 1920's, neohumanism, Freudianism, the literature of the depression, Marxism, new criticism, and existentialism. Prerequisite, English 153, 156. *MR. GOSSETT
Credit, 3 hours*

358. *Whitman and His Contemporaries*

Studies in major American poets of the nineteenth century, with concentration on Walt Whitman. Prerequisite, English 153, 156. *MISS PHILLIPS
Credit, 3 hours*

359. *Literature of the South*

Studies in the poetry and prose of the Southern United States, chiefly of the nineteenth and twentieth centuries. Prerequisite, English 153, 156. *MR. WALHOUT
Credit, 3 hours*

Courses for Graduate Students*

(NOTE: Not every course listed in this section will be given every year, but at least two will be offered each semester of the regular academic year, and normally one will be offered each term of the summer session.)

410. *Literary Criticism*

*MR. SNUGGS
Credit, 3 hours*

415. *Studies in Chaucer*

*MR. SHORTER
Credit, 3 hours*

419. *English Drama, 1580-1642*

*MR. SNUGGS
Credit, 3 hours*

425. *Studies in Seventeenth Century English Literature*

Credit, 3 hours

* For course descriptions, see the Graduate Bulletin.

Journalism

435. *The Major Augustans* MR. KENION
Credit, 3 hours
443. *The Nineteenth Century English Novel* MR. CARTER
Credit, 3 hours
444. *English Poetry of the Nineteenth and Twentieth Centuries*
MR. WILSON
Credit, 3 hours
455. *Studies in American Fiction* MR. GOSSETT
Credit, 3 hours
457. *American Poetry* MISS PHILLIPS
Credit, 3 hours
- 491, 492. *Thesis Research*
Credit, 3 hours each semester for two semesters

Journalism

For a career in the newspaper profession, breadth of academic background is essential. The following courses, which provide the fundamentals of professional training, are concerned with the basic principles of journalistic writing and editing, and with a conception of the newspaper as a whole.

271. *Journalistic Writing*

Survey of the fundamental principles of news-writing; study of news and news values, and of outstanding newspapers. Open to juniors and seniors, and to sophomores who obtain the permission of the instructor. Prerequisite, English 111-112.

MR. SHAW
Credit, 3 hours

272. *Copy-editing*

A laboratory course in copy-editing, headline-writing, typography, and make-up. Prerequisite, English 111-112 and 271.

MR. SHAW
Credit, 2 hours

274. *Special Feature Articles*

Practice in writing articles for newspapers and magazines, with emphasis on selecting subject, gathering material, and on the preparation and sale of manuscripts. Prerequisite, English 111-112, and preferably 271.

MR. SHAW
Credit, 2 hours

277. *The Editorial*

Analysis of editorial policies of typical newspapers, discussions of current events and topics for editorial expression, and practice in writing various types of editorials; a study of the fundamentals of public opinion, and what the editorial writer can do to influence thinking. Prerequisite, English 111-112, 271-272.

MR. SHAW
Credit, 2 hours

278. *History of American Journalism*

A study of the development of the American newspaper, with detailed investigations of representative papers and editors, and with special reference to the problems of present-day journalism. Prerequisite, English 111-112, 271-272.

MR. SHAW
Credit, 2 hours

Art History and Appreciation

The following courses, conducted by a member of the English staff, are not a part of the regular English curriculum, but may be included in the program of the English major as related courses.

265. *Ancient and Medieval Art*

A survey of the arts as they developed in Egyptian, Mesopotamian, Minoan, Greek, and Roman civilizations and Medieval Europe. Prerequisite, junior or senior standing.

MR. AYCOCK
Credit, 2 hours

266. *Renaissance and Modern Art*

A survey of the arts as they developed in Europe and the United States; emphasis on architecture, sculpture and painting. Prerequisite, junior or senior standing.

MR. AYCOCK
Credit, 2 hours

268. *American Art*

A history of art in the United States; emphasis on architecture, sculpture, painting, and the minor arts. Prerequisite, junior or senior standing.

MR. AYCOCK
Credit, 3 hours

German

PROFESSOR O'FLAHERTY

ASSOCIATE PROFESSORS FRASER, SANDERS

VISITING LECTURER RUPP

INSTRUCTORS BRIDGEWATER, MERRILL

A major in this department requires 30 hours, including German 281 and 285.

A language laboratory has been in operation since September 1960. Students enrolled in course numbered 111 are required to spend one hour a week in the language laboratory as a part of their class preparation. Others may be required to attend the laboratory for remedial purposes.

German majors who have a minimum quality point ratio of 3.0 in all college work and 3.3 in all departmental work may be admitted to the honors program in German. There are four requirements for completion of the honors major in German after admission: (1) maintenance of a minimum quality point ratio of 3.3 in all work toward the major; (2) participation in at least one senior seminar at this institution; (3) the completion of a special research project under the direction of a member of the department; (4) the passing of a comprehensive written and oral examination, the oral part of which will be conducted in German by members of the department. For further details, students should consult a member of the department. Successful honors candidates are graduated with the designation "Honors in German."

111, 112. *Elementary German*

This course covers the principles of grammar and pronunciation, and includes the reading of simple texts. *Credit, 3 hours each semester*

151, 152. *Intermediate German*

The principles of grammar are reviewed, and there is much reading of selected German prose and poetry. Prerequisite, German 111, 112 or equivalent. *Credit, 3 hours each semester*

211, 212. *Introduction to German Literature*

The object of this course is to acquaint the student with recognized masterpieces of German literature. Parallel readings and reports are assigned. Prerequisite, German 151, 152.

Credit, 3 hours each semester

217. *Conversation and Phonetics*

A course in spoken German, emphasizing facility of expression. Considerable attention is devoted to phonetics. Prerequisite, German 152 or equivalent. *Credit, 3 hours*

218. *Composition and Grammar Review*

A review of the fundamentals of German grammar, with intensive practice in translation and composition aimed at the development of a reasonable competence in writing German. Prerequisite, German 152 or equivalent. *Credit, 3 hours*

219. *Advanced Composition*

This course involves a study of advanced grammar and composition. English texts of increasing difficulty will be translated into German in addition to free composition in German. Prerequisite, German 218 or equivalent. *Credit, 3 hours*

220. *German Civilization*

A survey of contemporary German culture, including a study of its historical development in broad outline. Emphasis is placed on the intellectual, artistic, political, social and economic life of Germany. The course is conducted in German. Prerequisite, German 217 or permission of instructor. *Credit, 3 hours*

223, 224. *Eighteenth Century German Literature*

The main movements of the century are traced in this course: the Enlightenment and its reaction in the *Sturm und Drang*; Weimar Classicism and its reaction in early Romanticism. The first two movements are considered in the first semester, the remaining in the second semester. Prerequisite, German 211-212.

Credit, 3 hours each semester

German

263. *German Literature of the Nineteenth Century (I)*

Reading selections in this course are taken from the poetry, novels, *Novellen*, dramas and critical works produced from 1800 to 1848. with particular emphasis on Romanticism and *Jungdeutschland*. Reports and discussions are for the most part in German. Prerequisite, German 211, 212 or equivalent, and permission of the instructor.

Credit, 3 hours

264. *German Literature of the Nineteenth Century (II)*

This course emphasizes readings from the beginnings of Poetic Realism to the advent of Naturalism. Reports and discussions are for the most part in German. Prerequisite, German 211, 212 or equivalent, and permission of the instructor.

Credit, 3 hours

281. *Seminar: Twentieth Century Prose*

Advanced students investigate the main currents in German literature from the last part of the nineteenth century to the present. Outstanding writers are studied in detail. Lectures, reports, and discussions are for the most part in German. Prerequisite, German 211, 212 or equivalent and permission of instructor.

Credit, 3 hours

285. *Seminar: Goethe*

Faust Part I will be studied in class. Parallel readings in other works by Goethe will be assigned. Prerequisite, German 211, 212.

Credit, 3 hours

287, 288. *Honors Course in German*

This is a conference course involving extensive reading in German literature and the study of bibliography and the techniques of research. A major research paper is required. Designed for students who are candidates for departmental honors.

Credit, 2 hours each semester

History

PROFESSORS STROUPE, GOKHALE, PERRY, SMILEY,
LOWELL R. TILLET, YEARNs

VISITING PROFESSORS BRONNER, TATE

ASSOCIATE PROFESSORS BARNETT, BERTHRONG, HEN-
DRICKS, MULLEN, *ZUBER

ASSISTANT PROFESSORS, BAREFIELD, McDOWELL,
J. H. SMITH, WELLER

INSTRUCTORS FOSTER, HADLEY

The Bachelor of Arts degree is awarded to students who complete the requirements for the bachelor's degree as stated elsewhere in this catalog and take their major in History. The History major is 30 semester hours and must include History 111, 112 and History 151, 152 or their equivalents. The remaining 18 hours of the History major and 18 hours of required work in related fields are selected by the student and a History adviser.

Highly qualified History majors are considered by the department for admission to the honors program in History. They must meet certain preliminary requirements, earn a QPR of not less than 3.0 on all college work and 3.3 on all work in History, complete satisfactorily History 287, 288, and pass a comprehensive written examination. They are then graduated with the designation of "Honors in History." For additional information consult members of the History staff.

Students contemplating graduate study should plan to take required and general survey courses early in their college careers, should include the course in Historiography, and should acquire a reading knowledge of one modern foreign language (preferably French, German or Russian) for the M.A. degree and two for the Ph.D. degree. For information regarding the Master

* Absent on leave, 1967-68.

History

of Arts degree in History at Wake Forest University consult the *Bulletin* of the Graduate School.

111, 112. *Modern Europe*

The political, economic, and social history of Europe in its world setting from the Renaissance to the present. Students majoring in history should take this course their freshman year. History 111 prerequisite for History 112.

History 111, fall semester, M W F 8, 10, 11, 12, 1, 2, 3; T Th S 8, 9, 11, 12; spring semester, M W F 8; T Th S 9

History 112, fall semester, M W F 8; T Th S 9; spring semester, M W F 8, 10, 11, 12, 1, 2, 3; T Th S 8, 9, 11, 12 STAFF

151, 152. *The United States*

A general survey of United States history from the period of discovery and colonization to the present. Social, economic, and intellectual developments are included, but political history is emphasized. History 151 covers the period from discovery to 1865 and is prerequisite for History 152, which covers from 1865 to the present. Students majoring in history should take this course in the sophomore year.

M W F 8, 9, 2; T Th S 9, 11 STAFF

215, 216. *The Ancient World*

Oriental and Greek history, fall semester; Roman history, spring semester. Cultural aspects emphasized.

T Th 3

MR. SMILEY

219, 220. *The Renaissance and Reformation*

This is a study of the transition of Europe from medieval to modern times. The emphasis is on artistic, literary, and religious achievements, with some attention given to political and economic developments.

T Th 2

MR. BAREFIELD

257, 258. *The South*

A study of geography, population elements, basic institutions, and selected events.

M W F 12

MR. SMILEY

264. *Economic History of the United States*

A general survey of the economic development of the United States from colonial beginnings to the present. This course may count as History or Business Administration, but not both.

M W F 9

MR. PERRY

265. *American Diplomatic History*

An introduction to the history of American diplomacy since 1776, emphasizing the effects of public opinion on fundamental policies.

M W F 9

MR. PERRY

271, 272. *Latin America*

A study of the development of Latin America from pre-Columbian times to the present. Fall semester—discovery to the eve of Independence in 1810. Spring semester—the Independence movement and the individual growth of the modern Latin American Republics in the nineteenth and twentieth centuries. Throughout, special emphasis is given to the evolution of Latin American political institutions.

T Th S 11

MISS WELLER

287, 288. *Honors Course in History*

A two-semester sequence of seminars on problems of historical synthesis and interpretation. Designed for seniors who are candidates for distinction in history.

Th 3-4

STAFF

291. *Education—Teaching of Social Studies*

An examination of the theories and techniques involved in the teaching of history, geography, politics, economics, and sociology in secondary schools. The principal emphasis is on history. Required of students who expect certification in one or more of the social studies. Credited as Education.

M T W Th F S 8

MR. SYME

Credit, 3 hours

311, 312. *Social and Intellectual History of Modern Europe*

Western European thought and culture are examined in relationship to economic, social, and political developments. Fall semester: seventeenth and eighteenth centuries; spring semester: nineteenth and twentieth centuries.

M W F 1

MR. BERTHRONG

History

317, 318. *Medieval Europe*

A course in which selected political, economic, social, and cultural aspects of the Middle Ages are studied. History 317 prerequisite for History 318.

T Th 11

MR. BAREFIELD

319, 320. *Germany*

Fall semester: the origins of the German nation and the rise of Brandenburg-Prussia in a context of German particularism. Spring semester: from the Reich of Bismarck to divided Germany.

M W F 10

MR. McDOWELL

323, 324. *England*

A political and social survey, with some attention to continental movements. Fall: to 1603; spring: 1603 to present

M W F 9, 2; T Th S, 9

MESSRS. BARNETT, HADLEY

325, 326. *Tudor and Stuart England*

An intensive constitutional and social study of the period. Fall: the Tudors; Spring: the Stuarts.

M W F 11

MR. BARNETT

327, 328. *The British Empire*

Fall semester: early commercial developments and the old colonial Empire, 1066-1783. Spring semester: the second British Empire and the development of the Commonwealth. Special emphasis will be placed on the role of Britain in New Zealand, India, The West Indies, Australia and Cape Colony.

M W F 11

MISS WELLER

329, 330. *Modern England*

The political, social, economic, and cultural history of England since the accession of the Hanoverians in 1714. Fall: to 1815. Spring: since 1815.

M W F 11 (Not offered 1968-69)

MR. HADLEY

331, 332. *Russia*

Primarily political, with some attention to cultural and social developments. Fall semester, the Russian Empire; spring semester, the Soviet Union.

M W F 1

MR. TILLET

338. *Recent European History*

A study of political and economic changes in Europe since 1914, with emphasis on the influence of public opinion.

M W F 12

MR. MULLEN

341, 342. *History and Civilization of Southeast Asia*

Developments in the history and culture of Burma, Thailand, Malaya, Indonesia, and Indo-China from the earliest times to the present. The course devotes special attention to religion, social organization, economy, Indian and Chinese influences, literature, art, and architecture in the region.

M W F 9

MR. GOKHALE

345, 346. *History and Civilization of South Asia*

An introduction to the history and civilization of India, Pakistan, Nepal and Ceylon from ancient to recent times. Emphasis is given to historical developments in the social, economic, intellectual and cultural life and to the impact of Hinduism-Buddhism, Islam and the West on the sub-continent.

M W F 9 (Not offered 1968-69)

MR. GOKHALE

347, 348. *Modern India*

An intensive examination of the historical development of India since 1600. Topics discussed include the Mughal Empire and its contributions, the growth of Western enterprise and British rule, and the Western impact on the emergence of modern India.

M W F 11

MR. GOKHALE

349, 350. *China and Japan*

The cultural and political development of East Asia. Fall semester: traditional China and Japan to 1800; spring semester: nineteenth and twentieth centuries.

T Th 2*

MR. TATE

351, 352. *Social and Intellectual History of the United States*

A study of the significant ideas and cultural achievements of the American people and of their relationship to the social environment. History 351 covers the period from the first settlements to 1865. History 352 covers the period since 1865 and may be taken independently of History 351.

T Th S 9

MR. ZUBER

*Class meets 75 minutes each day.

353. *Colonial America*

The background and development of colonial America to 1763. Emphasis on political, social, economic, and cultural characteristics as they became uniquely American.

M W F 10

MR. HENDRICKS

354. *Revolutionary and Early National America, 1763-1820*

The American Revolution, its causes and effects, the Confederation, the Constitution, and the new nation as it gained complete independence.

M W F 10

MR. HENDRICKS

355. *The Westward Movement*

The role of the frontier in American history, 1763-1890.

T Th 8

MR. SMILEY

359, 360. *Recent American History*

The United States from the Populist Era to contemporary times. The fall semester includes the reform movements of the late nineteenth century, imperialism, progressivism, and World War I. The spring semester covers the "Roaring-Twenties," the depression, the New Deal, World War II, and post-war developments.

T Th S 9

MR. SMITH

362. *American Constitutional History*

A study of the origins of our constitutional system, the controversies involving the nature of the union, constitutional readjustments to meet the new American industrialism, and the modern Constitution.

T Th S 11

MR. YEARNs

368. *North Carolina*

Selected phases of the development of North Carolina from colonial beginnings to the present.

M W F 8

MR. STROUPE

391, 392. *Historiography*

A study of the development of history as a branch of knowledge through a survey of the principal historians and their writings from ancient times to the present. Fall semester: European historiography; Spring semester: American historiography.

T Th 1

MR. PERRY

Courses for Graduate Students*

- 411, 412. *Seminar in Modern European History* MR. TILLET
T Th 11-12:30 Credit, 3 hours each semester
435. *European Diplomatic History, 1848-1914* MR. MULLEN
M W F 12—Fall Credit, 3 hours
436. *Europe since 1939* MR. McDOWELL
M W F 12—Spring Credit, 3 hours
442. *Seminar on Southeast Asia* MR. GOKHALE
(Not offered 1968-69) Credit, 3 hours
- 445, 446. *Traditional India* MR. GOKHALE
Th 6:30 P.M. Credit, 3 hours each semester
447. *Seminar on Modern India* MR. GOKHALE
(Not offered 1968-69) Credit, 3 hours
- 451, 452. *Seminar in United States History* MR. SMILEY
M W 2-3:30 Credit, 3 hours each semester
457. *The Old South* MR. STROUPE
T Th 8:30-10:00 A.M.—Fall Credit, 3 hours
458. *The Civil War and Reconstruction* MR. YEARNs
T Th 8:30-10:00 A.M.—Spring Credit, 3 hours
- 491, 492. *Thesis Research* STAFF
Credit, 3 hours each semester

* For course descriptions, see the *Graduate Bulletin*.

Mathematics

PROFESSORS GENTRY, SAWYER, SEELBINDER
VISITING PROFESSOR BRAUER
ASSOCIATE PROFESSORS GAY, JOHNSON, GAYLORD
MAY, GRAHAM MAY, WADDILL
ASSISTANT PROFESSOR HOWARD
INSTRUCTOR SMITH
VICE PRESIDENT LUCAS

This Department offers basic courses in each of the main divisions of Mathematics: algebra, analysis, geometry, applied mathematics.

A major in this Department (33 hours) must include courses 111, 112, 113, 121, 311, 321, 331.

Any student preparing to teach Mathematics in the secondary school should include in his program courses 111, 112, 113, 121, 321, 331, 332.

Highly qualified Mathematics majors are considered by the Department for admission to the honors program in Mathematics. They must meet certain preliminary requirements, earn a QPR of not less than 3.0 on all college work and 3.3 on all work in Mathematics, complete satisfactorily a senior research paper and pass a comprehensive oral and written examination. They are then graduated with the designation of "Honors in Mathematics." For additional information consult members of the Mathematics staff.

102. *Principles of Mathematics*

An introduction including a definition and examples of deductive reasoning, inductive reasoning, abstract logic, abstract mathematical science, pure and applied mathematics. A study of set theory as an application. A study of the real number system using an axiomatic approach. Many examples taken from arithmetic, algebra, trigonometry and analytic geometry. Any student receiving credit for Mathematics 102 will not receive credit for Mathematics 105.

Credit, 3 hours

105. *Introduction to Mathematical Analysis*

An introduction to series, limits, derivatives and antiderivatives. A thorough study of (a) polynomial equations of first, second and higher degrees in one or more variables, (b) algebraic, exponential, logarithmic, trigonometric and inverse functions, (c) identities, (d) conic sections, (e) polar, cylindrical, spherical coordinates and transformation of coordinates, and (f) parameters. Any student receiving credit for Mathematics 105 will not receive credit for Mathematics 102. *Credit, 3 hours*

111, 112, 113. *Calculus with Analytic Geometry I, II, III*

A study of differential and integral calculus and an investigation of the basic ideas of analytic geometry as they arise. *Credit, 3 hours each semester*

121. *Linear Algebra*

A study of vectors and vector spaces, linear transformations and matrices, linear groups and determinants. *Credit, 3 hours*

142. *Introduction to Axiomatic Methods*

A sophomore-level course to facilitate the transition from courses which emphasize problem solving to ones in which the emphasis is on proving theorems. Material will be selected from several areas of Mathematics. Many different theorems and types of proof will be considered. *Credit, 3 hours*

157. *Introduction to Probability*

Definitions, Sample spaces, Probability in sample spaces, Bayes' Formula, Random variables, Probability functions, Binomial distribution, applications. *Credit, 3 hours*

161. *Modern Finite Mathematics*

A study of mathematics as it pertains to social science and business today. Emphasis will be placed on development of mathematical models, probability, matrices, linear programming, decision theory, and theory of games. *Credit, 3 hours*

162. *Analysis for the Biological, Management and Social Sciences*

Topics from analytic geometry and calculus; a study of the linear, parabolic and hyperbolic laws with an introduction to differential and integral calculus. Applications including maxima and minima

Mathematics

problems and curve fitting will be included. No student will be allowed credit for both Mathematics 162 and Mathematics 111.

Credit, 3 hours

174. *Surveying*

The use of engineering equipment. Surveying and engineering practices, government system of division and sub-division of land; deed description, lot and farm boundaries; topographical surveying, making of contour maps, observations for determination of meridian and latitude, reducing field notes, plotting, blue printing, use of slide rule, etc.

Credit, 3 hours

232. *Foundations of Geometry*

A course of logic in geometry with special emphasis on postulates, systems of geometry, etc. Recommended for teachers. Prerequisite, Mathematics 112.

Credit, 3 hours

251. *Differential Equations*

Special solvable non-linear equations, linear equations, transformations, and symbolic methods; solutions in series; Gauss, Bessel and Legendre equations; simultaneous ordinary differential equations.

Credit, 3 hours

255. *Theory and Applications of the Digital Computer I*

Basic theory and applications of computers. Intensive study and laboratory training in coding and programming, using Fortran. One hour lecture, two hours laboratory for $\frac{1}{2}$ semester.

Credit, 1 hour

256. *Theory and Applications of the Digital Computer II*

A continuation of Math 255, including PL/1, Symbolic Programming Systems, and basic machine language. Two hours lecture, two hours laboratory.

Credit, 3 hours

292. *Education—The Teaching of Mathematics*

The objectives and content of the many proposals for change in our curriculum and texts. The techniques, relative merits, and role of such teaching procedures as the inductive and deductive approaches to new ideas. The literature of mathematics and its teaching. The underlying ideas of elementary mathematics and the manner in which they may provide a rational basis for teaching.

Credit, 3 hours

294. *History of Mathematics*

A study of the development of mathematics, dealing with the evolution of the number system, arithmetic, geometry, algebra, trigonometry, etc., together with a study of the lives of the leading mathematicians. Recommended for those of junior standing who expect to teach Mathematics. *Credit, 3 hours*

301. *Basic Concepts of Algebra for Teachers*

A study of the foundations of algebra and the structural properties of elementary algebraic systems with special emphasis on the real number system, sets, methods of proof and algebraic functions. Credit for this course may not be applied toward the Master of Arts degree by students majoring in Mathematics. *Credit, 3 hours*

302. *Basic Concepts of Geometry for Teachers*

A study of points, lines and planes; real numbers and the Ruler Axiom; separation in the Plane and in Space; angles and the Protractor Axiom; Congruences. Credit for this course may not be applied toward the Master of Arts degree by students majoring in Mathematics. *Credit, 3 hours*

311, 312. *Advanced Calculus I, II*

Real and complex numbers; basic concepts in set theory; limits and continuity; Differentiation of functions of one and several variables; Taylor's expansion; definite, improper, infinite, multiple integrals; infinite series; power series; applications. Math 311 may not be taken for credit by graduate students majoring in mathematics.

Credit, 3 hours each semester

317, 318. *Theory of Functions*

Limits, implicit functions, power series, double series, Cauchy's Theorem and its applications, residues, Riemann surfaces, conformal mapping.

Credit, 3 hours each semester

321, 322. *Modern Algebra*

A study of groups, fields, rings, determinants, matrices, linear dependence, linear transformations, quadratic and bilinear forms. Course 321 may not be taken for credit by graduate students majoring in mathematics.

Credit, 3 hours each semester

323, 324. *Determinants and Matrices*

A study of the basic concepts and theorems concerning determinants and matrices including some of the recent and most important results in the study of algebraic matrices. *Credit, 3 hours each semester*

Mathematics

331, 332. *Geometry*

The elements of higher geometries including congruence, parallelism, similarity, area, volume, and ruler and compass construction will be studied. Math 331 may not be taken for credit by graduate students majoring in mathematics. *Credit, 3 hours each semester*

333. *Introduction to Topology*

An axiomatic treatment of the theory of point sets. Topological properties of Euclidean spaces, metric spaces and Hausdorff spaces will be studied. *Credit, 3 hours*

335. *Projective Geometry*

Synthetic and analytic treatment centering around Desargue's Theorem and the principle of projectivity. *Credit, 3 hours*

341. *Foundations of the Number System*

A set of objects called natural numbers characterized by Peano's Postulates will be assumed. The integers, rational numbers, real numbers and complex numbers will be constructed. *Credit, 3 hours*

345, 346. *Theory of Numbers*

An introduction to the properties of integers, congruences, a study of Theorems of Fermat and Wilson, primitive roots, arithmetic functions, quadratic reciprocity, sums of squares. *Credit, 3 hours each semester*

351, 352. *Applied Analysis*

Fourier Series; Bessel functions; Vector algebra and Calculus; line and surface integrals; Divergence theorem; Green's Theorem; Stokes' Theorem; Laplace transformation with applications to differential equations; partial differential equations and boundary value problems; Calculus of Variations. *Credit, 3 hours each semester*

355. *Numerical Analysis*

A computer-oriented study of various analytical methods in mathematics including real and complex roots of equations, finite difference methods and theory of interpolation, numerical differentiation and integration, numerical solution of ordinary and partial differential equations, simultaneous equations and matrix inversion, error analysis. Two hours lecture, two hours laboratory. Prerequisites, Math 113, Math 255. *Credit, 3 hours*

357, 358. *Statistics*

A study of the elementary theory and applications, with particular emphasis on the mathematical development of probability distributions, finite population sampling, estimation, testing of hypotheses and confidence methods. One who takes either of these courses may not receive credit for Bus. Ad. 368, Sociology 280 or Psychology 213. This course may not be taken for credit by graduate students majoring in mathematics. Co-requisite, Math 113.

Credit, 3 hours each semester

381. *Research*

Library and conference work performed on an individual basis. Open only to students with a superior record. Six hours a week. Prerequisite, permission of the staff.

Credit, 2 hours

Courses for Graduate Students*

411, 412. *Real Variable* *Credit, 3 hours each semester*

413, 414. *Complex Variable* *Credit, 3 hours each semester*

421, 422. *Abstract Algebra* *Credit, 3 hours each semester*

423, 424. *Seminar on Theory of Matrices*
Credit, 1 hour each semester

431. *General Topology* *Credit, 3 hours*

433. *Algebraic Topology* *Credit, 3 hours*

435. *Differential Geometry* *Credit, 3 hours*

443, 444. *Seminar on Number Theory*
Credit, 1 hour each semester

491, 492. *Thesis Research*
Credit, 3 hours each semester for two semesters

* For course descriptions, see the Graduate Bulletin.

Military Science

COLONEL HUGH J. TURNER, JR., PROFESSOR
MAJOR ERVIN L. WHITE, ASSISTANT PROFESSOR
MAJOR ROBERT G. TOPP, ASSISTANT PROFESSOR
CAPTAIN PAUL L. SECHTMAN, ASSISTANT PROFESSOR
CAPTAIN EDDIE J. WHITE, ASSISTANT PROFESSOR
SERGEANT MAJOR THOMAS D. SHAFER, ASSISTANT
MASTER SERGEANT DANIEL T. RUCKER, ASSISTANT
SERGEANT FIRST CLASS ELDON McDONALD, ASSISTANT
TANT
MRS. HELEN E. MICKEY, ADMINISTRATIVE ASSISTANT
TANT
MRS. INEZ STONESTREET, LIBRARIAN
MRS. DOROTHY J. WINDSOR, SECRETARY

A senior unit of the United States Army Reserve Officers' Training Corps was established at Wake Forest College in 1951. The general objective of the program of instruction is to produce junior officers possessing the leadership and other attributes essential to their progressive and continued development as Officers in the United States Army.

The basic contract between Wake Forest University and the Department of the Army requires each student "to devote the number of hours to military instruction prescribed by the Secretary of the Army." The Department of Military Science therefore establishes separate rules on attendance and on procedures governing the ROTC program at the University.

The ROTC program is divided into a Basic Course (academic freshmen and sophomores) and an Advanced Course (academic juniors and seniors).

The purpose of the Basic Course is to increase initiative and confidence in the student, to develop his capacity for leadership, to provide training in military

subjects common to all branches of the Army, and to lay a foundation for intelligent citizenship.

Except when credit for military school ROTC, or previous military service is allowed, failure to enroll in the ROTC as an academic freshman will normally preclude the student from participation in the Basic Course. Transfer students who have previously enrolled in any Department of Defense ROTC program usually may continue in Army ROTC at Wake Forest.

A program designed specifically for transfer students and for those who were unable to take ROTC during their first two years is offered. Selected applicants must successfully complete a six-week basic summer camp prior to their junior year. This summer training takes the place of the Basic Course in the four-year program and qualifies the student to enter the Advanced Course.

The Advanced Course is designed to develop further the objectives of the Basic Course and to enable students to qualify for commissions as Reserve Officers in the United States Army. Entrance into the Advanced Course is selective, based on demonstrated performance and potential.

Advanced Course ROTC students receive a monetary allowance of \$50.00 per month. This allowance is payable from the day of enrollment at the beginning of the student's junior year until the end of his senior year. This allowance is not drawn during the summer camp which the Advanced Course ROTC student attends at the conclusion of his junior year. All summer camp expenses, including travel incident thereto, are paid by the Government. While at camp the student is paid at the rate of \$151.95 per month. Total remuneration for the Advanced Course is about \$1,200.00.

Upon graduation, students who have completed the Advanced Course receive commissions as Second Lieu-

tenants in the United States Army Reserve. Graduating students who have demonstrated leadership, scholarship and military aptitude to an outstanding degree may be designated "Distinguished Military Graduates." These selected individuals are afforded an opportunity to apply for a Regular Army Commission.

ROTC students meeting prescribed requirements may receive deferment from selective service after their first semester.

Any Military Science Courses completed at Wake Forest University are transferable to any other institution with Army or Air Force ROTC programs.

The ROTC Cadet Corps is organized as a modified Regular Army unit to provide maximum opportunities for the exercise of leadership. It includes a Band and Drill Team. Both of these organizations receive special training and represent Wake Forest University in special events.

Basic Course students are provided U. S. Army uniforms at no cost to the individual. Advanced Course students are furnished a complete, tailored uniform package, valued at approximately \$150.00, for the duration of the ROTC course and for retention by the individual upon being commissioned. Textbooks and other equipment necessary for the ROTC program are also provided. A \$20.00 uniform deposit is required of each ROTC student. The deposit, less charges for loss or damages, is refunded at the end of the school year or upon withdrawal from the course.

The national honorary military societies of Scabbard and Blade and Pershing Rifles have chapters at Wake Forest. Membership, on an elective basis, is open to ROTC cadets.

The ROTC Rifle Team competes with other colleges and universities each year; both shoulder-to-shoulder

and postal matches are fired. This activity is recognized as a minor sport at Wake Forest University. All practice firing and each match is supervised by a regular army instructor. The firing is conducted with modern small bore target rifles on an indoor range.

Outstanding achievements are recognized through a number of annual awards. The President of the University, the Department of the Army, military associations and several patriotic organizations sponsor a variety of medals, decorations and trophies for superior leadership and scholarship in military science. Details may be obtained from the Professor of Military Science.

Courses Offered

111, 112. *Military Science (First Year Basic)*

Includes a study of military organization; individual weapons and marksmanship; the United States Army and national security; and leadership. One hour theory and weekly leadership laboratory. (Plus academic subject, see note below.) *Credit, 1 hour each semester*

151, 152. *Military Science (Second Year Basic)*

Includes a study of American military history; map and aerial photograph reading; introduction to basic tactics and techniques; and leadership. Two hours theory, and weekly leadership laboratory. Prerequisite: Military Science 111 and 112.* *Credit, 2 hours each semester*

211, 212. *Military Science (First Year Advanced)*

Includes a study of leadership problems; military teaching principles; branches of the Army; small unit tactics and communications; and weekly leadership laboratory. (Plus academic subject, see note below.) Prerequisite or corequisite: Military Science 151 and 152.* *Credit, 2 hours each semester*

251, 252. *Military Science (Second Year Advanced)*

Includes a study of operations; logistics; Army administration; military law; the United States in world affairs; service orientation;

* Unless credit is given for previous military science or training.

Music

leadership; and weekly leadership laboratory. (Plus academic subject, see note below.) Prerequisite or corequisite: Military Science 211 and 212. *Credit, 2 hours each semester*

Note. For basic course students any course selected from the areas listed below of a minimum of two (2) credit hours taken either semester is required the first year to satisfy the basic course requirement.

For advanced course students any course selected from the areas listed below of a minimum of three (3) credit hours, and which is not a course required to satisfy the basic requirement of the major field of study, is required each year to satisfy the advanced course requirement. Satisfactory completion of each such course undertaken will be a prerequisite to commissioning.

Area I Effective Communication.

Area II Science Comprehension.

Area III General Psychology.

Area IV Political Development and Political Institutions.

The PMS will evaluate and approve elective subjects selected by the student.

Music

PROFESSOR THANE McDONALD

ASSOCIATE PROFESSOR P. S. ROBINSON

ASSISTANT PROFESSORS GILES, HUBER

INSTRUCTOR LUCILLE S. HARRIS

PART-TIME TEACHERS FELMET, RAINEY, ROUMILLAT,
STONE

ARTIST IN RESIDENCE KALTER

A student who is considering music as a major field must declare his intention to the department chairman as early as possible in his freshman year and take the musical aptitude test.

A major in this Department requires 36 hours divided between Applied Music (12-18 hours), Music Theory (9-12 hours, including Music 157, 158), and Musical Culture (minimum of 6 hours). In addition, the Music major must present a minimum of 4 hours resident Ensemble* credit and demonstrate performing ability in

* No student may register for more than one hour of Ensemble credit each semester. Not more than eight hours Ensemble credit will be counted toward graduation.

student recitals. At the discretion of the Music faculty a public recital will also be required. All Music majors are required to attend all faculty and student recitals. No student taking an Applied Music course may perform publicly without the permission of the instructor.

Students desiring North Carolina Teacher Certification in Music should note the requirement of 18 hours of Applied Music (including a keyboard proficiency equivalent to Piano 114a).

Qualified Music majors are considered for admission to the honors program in Music provided they meet certain preliminary requirements and complete the academic requirements for the Music major with a minimum QPR of 3.3 in Music and an over-all minimum QPR of 3.0. Further requirements are: a memorized senior recital to include one lesser work assigned two weeks before the recital and prepared without the aid of the teacher; also the performance in the senior year of two additional memorized major works to be prepared without the aid of the teacher.

Applied Music candidates for honors must also present to the music faculty a lecture-recital on the tonal and structural analysis of the material in the senior recital three weeks before the recital. Music Education candidates must prepare a major score during the final semester, do the total rehearsing and conduct it in a public performance. All candidates must complete satisfactorily a comprehensive examination in the fields of music theory, music history, and music literature. When these requirements are met the department will recommend to the Committee on Honors that the candidate be graduated with "Honors in Music."

In the following curricula for Music majors only 40 hours of Music will be counted toward the 128 hours required for graduation.

Music

Bachelor of Arts with a major in one of the following areas:

A. <i>Applied Music</i>	<i>hours</i>
Music 155, 156. Theory	6
Music 157, 158. Theory	6
Music 213. Counterpoint	3
Music 214. Composition, Form and Analysis	3
Music 233, 234. Music History	6
Applied Music. Principal Instrument	16
Music 109-116. Ensemble	4
Additional non-Music	44
	88
Total	132
 B. <i>Church Music</i>	
Music 155, 156. Theory	6
Music 157, 158. Theory	6
Music 213. Counterpoint	3
Music 214. Composition, Form and Analysis	3
Music 229. Hymnology	3
Music 230. Church Music Literature	3
Music 231. Music in the Church	3
Music 233, 234. Music History	6
Applied Music. Organ and/or Voice	12
Music 109-116. Ensemble	4
Music (Education) 293. Voice Methods	1
Music (Education) 295. Conducting	3
	53
Additional non-Music	84
Total	137
 C. <i>Music Education (for Teacher Certification)</i>	
Music 143, 144. Brass and Percussion Instruments Class . .	2
Music 145, 146. String Instruments Class	2
Music 147, 148. Woodwind Instruments Class	2
Music 155, 156. Theory	6
Music 157, 158. Theory	6
Music 213. Counterpoint	3
Music 214. Composition, Form and Analysis	3
Music 233, 234. Music History	6
Music 235, 236. Orchestration and Scoring for Band	4
Music 291. Teaching of Music	3
Music 293, 294. Voice Methods	2
Music 295. Conducting	3
Applied Music. Principal and Secondary Instrument . . .	12

Music 109-116. Ensemble.....	4
Education (Additional Specified).....	15
	73
Additional non-Music.....	67
Total.....	140

Music Theory

101. *Fundamentals*

Music terminology, scales, keys, intervals, chords, rhythms, abbreviations, embellishments and smaller forms as they apply to performance, vocally and at the keyboard. Primarily for students not majoring in music and for music majors (without credit) having a deficiency in music theory.

M W F 11

155, 156. *Theory*

Music reading as applied to vocal and keyboard performance. Rhythms in scale and interval singing. Ear training based on chord study equal to diatonic harmony. Aural study of the basic forms. Prerequisite, Music 101 or equivalent.

M W F 2

157, 158. *Theory*

Study of triads, seventh and ninth chords and their inversions. Melody harmonization and practical composition involving modulation in the smaller forms.

M W F 12

211, 212. *Advanced Harmony*

Study of melody harmonization and composition in the smaller forms involving chromatic chords and non-harmonic tones. Analysis of passages drawn from standard literature. Prerequisite, Music 157, 158.

M W F 10 (Alternates with Music 213, 214)

213. *Counterpoint*

Strict counterpoint in the five species with two to four voices. Also a study of the "free" or modern counterpoint. Prerequisite, Music 157, 158.

T T S 9 Fall— (Alternates with Music 211)

Credit, 3 hours

214. *Composition, Form and Analysis*

Study of practical composition involving harmonic and contrapuntal materials in small and large forms. Prerequisite, Music 157, 158, 213.

T T S 9—Spring (Alternates with Music 212) Credit, 3 hours

235. *Orchestration*

Study of instrumentation emphasizing orchestral styles, with practical experience in scoring for strings, winds, and percussion. Prerequisite: Music 158 or permission of instructor.

T Th 11—Fall (Alternate years) Credit, 2 hours

236. *Orchestration and Scoring for Band*

Advanced scoring for the orchestra or the contemporary concert band. Selection of the medium is made by the student with approval of the instructor. Prerequisite: Music 235.

T Th 11—Spring (Alternate years) Credit, 2 hours

Music Culture

102. *Music Appreciation*

Open to all students desiring an understanding of music as an element of liberal culture and who wish to equip themselves for more intelligent appreciation and listening.

M W F 11

225, 226. *American Music*

English origins in the seventeenth century. America's first composers. National songs, Lowell Mason, Stephen Foster. Music of the Civil War. Folk music—its use by American composers. The newer developments in orchestral and choral music. Contemporary composers. Illustrative recordings.

M W F 10

227, 228. *Opera*

A survey of the development of opera. Representative works studied through the use of recordings.

M W F 10 (Alternates with Music 225, 226)

229. *Hymnology*

Early church hymnody; Latin and Greek contributions; the reformation chorale. English Psalmody and the English Hymn during

the eighteenth and nineteenth centuries. Study of the great hymns and hymn tunes of the church including twentieth century hymns. Designed especially for ministerial students.

M W F 9—Fall

230. *Church Music and Literature*

Survey of the great oratorios, cantatas, anthems, and organ compositions of the church.

M W F 9—Spring

231. *Music in the Church*

Function of the church musician and the relationship of his work to the overall church program.

M W F 9—Spring (Alternates with Music 230)

233, 234. *Music History*

Survey of the history, literature and meaning of music, aiming to stimulate intelligent hearing and understanding of music and its social uses. Illustrative recordings.

M W F 2

Methods*

291. *Education—Teaching of Music*

Teaching and supervision of choral and instrumental music in the public schools, grades 1-12. Prerequisite, Music 157, 158.

M T W Th F S 8—Spring

Credit, 3 hours

293, 294. *Voice Methods*

Survey of technic and repertoire materials with demonstration of their application and interpretation. Twice weekly with assigned laboratory preparation.

Hours to be arranged

Credit, 1 hour each semester

295. *Choral and Instrumental Conducting*

Principles of conducting. Prerequisite, Music 157, 158.

M W F 10—Fall

Credit, 3 hours

* Each course in this division may count as either Music or Education, but choice must be indicated at time of registration.

Music

Ensemble*

109, 110. *Orchestra*

Study and performance of works from the classical and modern repertoire as well as concerti, oratorios, cantatas, operas and musicals.

M W 4

Credit, 1 hour each semester

111, 112. *Choir*

Study and performance of sacred and secular choral literature. This organization forms the chapel choir. A selected group forms the touring choir for out of town concerts.

T Th 4

Credit, 1 hour each semester

113, 114. *Band*

Concert Band: Study and performance of the standard band repertoire in regular campus and public appearances including an annual tour.

T Th F 4

Credit, 1 hour each semester

Varsity Band: For those students who lack the necessary time and proficiency to participate in the Concert Band.

T Th F 4

Credit, 1 hour each semester

Marching Deacons Band: Performs for most of the football games and rehearses during the first half of the fall semester at the Concert Band time.

T Th F 4

115, 116. *Accompanying*

Study of the elements of accompanying through class discussion and studio experience. One class meeting per week with three assigned laboratory periods.

Hours to be arranged

Credit, 1 hour each semester

Applied Music

Applied Music courses are open to all college students with the approval of the instructor. Applied Music Students are expected to attend all departmental Recital Hours. The following descriptions are suggested performance levels for the four years of study in the principal fields of concentration.

* No student may register for more than one hour of Ensemble credit each semester. Not more than eight hours Ensemble credit will be counted toward graduation.

Lesson and Practice Schedule

Students enrolled in any Applied Music course will note the following schedule of *weekly* lessons and practice:

One lesson with minimum of five hours practice.

Credit, 1 hour each semester

One lesson with minimum of ten hours practice.

Credit, 2 hours each semester

Note: All examinations in Applied Music courses will be given by the Music Department faculty and grades will be determined by this group.

Piano

111a-114a. *Piano*

All major and minor scales and I, IV and V7 chords and inversions. Improvisation of simple harmonizations of familiar songs. Sight-reading of community songs and hymns. Transposition of melodies with simple harmonic accompaniments. Study of appropriate standard piano literature. Primarily for students whose major interest is band and/or orchestral instruments.

111, 112.

Major and minor scales, dominant seventh and diminished seventh technic in root position and all inversions, quarter note at M.M. 84-88. Bach, Two Part Inventions; Mozart, Sonata K280; Beethoven, Sonata Op. 14, No. 1 or 2. Short Romantic and Contemporary compositions of the difficulty of the Chopin A-flat Prelude; technic studies as deemed necessary by the teacher.

113, 114.

Major and minor scales, dominant seventh and diminished seventh technic continued, quarter note at M.M. 100. Bach, Three Part Inventions; Beethoven, Sonata in C minor, Op. 10; Mozart, Fantasy in D minor; Chopin, Etude, Op. 10, No. 9; technic studies as deemed necessary by the teacher.

211, 212.

Major and minor scales in 3rds, 6ths, 10ths, quarter note at M.M. 92-96. Bach, Well Tempered Clavier or French Suites; Beethoven, Op. 27, No. 1, or Op. 78; Chopin, Etude Op. 25, No. 4; technic studies as deemed necessary by the teacher.

213, 214.

Major and minor scales quarter note at M.M. 120-132 and in 3rds, 6th, 10ths, quarter note at M.M. 100-108. Bach, Well Tempered Clavier or English Suites; Beethoven, Op. 31, No. 2, or Op. 90; Brahms, Intermezzo Op. 117, No. 2; Chopin Etude Op. 10, No. 3; technic studies as deemed necessary by the teacher.

Organ

111, 112.

Manual and pedal technique; clarity in contrapuntal playing; Bach's Eight Little Preludes and Fugues; hymn playing.

113, 114.

Pedal scales; smaller Preludes and Fugues of Bach; Chorale Preludes; simple works of more modern composers; hymn playing.

211, 212.

More difficult Bach Preludes and Fugues and Chorale Preludes; selected works by Mendelssohn, Franck, etc.

213, 214.

Larger Preludes and Fugues of Bach; Trio Sonatas; selected modern composers of all Schools; Widor, Vierne, Dupre, etc.

Voice

111, 112.

Establishment of correct breath and pronunciation habits through complementing physical and phonetic exercises. Clarity of diction, pitch poise, legato singing and consistent reference to *mezza voce* stressed. Early Italian, folk and folk-like songs in English.

113, 114.

Vocalises to induce more facility in the medium range. Studies in *messa di voce*, *portamenti*, and *grupetti* stressed. Repertoire to include moderately difficult arias of the Classic school and early Romantic art songs. Participation in student recitals.

211, 212.

Extended scales and arpeggi. Execution of vocal *fortura*. Elimination of registers and an even-timbered quality throughout the range stressed. More difficult Classic arias, moderately difficult songs and

arias of the Romantic school in original language. Participation in student recitals, oratorio and music-drama.

213, 214.

Attention to developing individual style; selection and interpretation of repertoire best suited to the student's particular ability. More difficult songs and arias of all schools in original language. Senior Recital.

Orchestral and Band Instruments

The following instruments are designated by course numbers 111 112, 113, 114, 211, 212, 213, and 214 corresponding to eight successive semesters.

<i>Flute</i>	<i>Trumpet</i>	<i>Violin</i>
<i>Oboe</i>	<i>French Horn</i>	<i>Viola</i>
<i>Clarinet</i>	<i>Trombone</i>	<i>Cello</i>
<i>Bassoon</i>	<i>Euphonium</i>	<i>Double Bass</i>
<i>Saxophone</i>	<i>Tuba</i>	<i>Percussion</i>

Studies of progressive difficulty covering tone production, scales, and technical studies, all articulations or bowings, embellishments, phrasing, etudes, solo and small ensemble repertoire, excerpts from band and orchestral literature and applied transpositions.

Secondary Courses

137, 138. *Literature of the Piano*

Survey course designed to acquaint students with some of the teaching materials of the piano. Several large works from the standard repertoire will be studied in detail during the second semester.

Th 1

Credit, 1 hour each semester

143, 144. *Brass and Percussion Instruments Class*

Theory and practice of playing and teaching brass and percussion instruments. Twice weekly with a minimum of five hours practice. Prerequisite, Music 156.

Hours to be arranged

Credit, 1 hour each semester

145, 146. *String Instruments Class*

Fundamentals of playing and teaching all members of the string family. Twice weekly with a minimum of five hours practice.

Hours to be arranged

Credit, 1 hour each semester

Philosophy

147, 148. *Woodwind Instruments Class*

Fundamentals of playing and teaching all members of the woodwind family. Twice weekly with a minimum of five hours practice.

Hours to be arranged

Credit, 1 hour each semester

151, 152. *Voice Class*

Classes will consist of at least four students each. Offered to qualified students interested in making a study of voice class materials, or, as preparation for the private voice courses. Minimum of five hours practice.

Hours to be arranged

Credit, 1 hour each semester

Applied Music Fees

Students enrolled for individual or class study in applied music as offered above will note the following schedule of semester fees, in addition to tuition, payable to the Treasurer not later than November 1 and March 1, respectively.

One hour lesson per week	\$80.00
One half hour lesson per week (voice and instruments only)	50.00
Class instruction (maximum fee per student)	30.00
Practice studio (with piano) rental per semester (one hour daily)	6.00
Practice studio (with piano) rental per semester (two hours daily)	10.00
Organ practice per semester (one hour daily)	10.00
Organ practice per semester (two hours daily)	14.00
Other instrument rental per semester	5.00

Philosophy

VISITING PROFESSOR FERM
PROFESSOR HELM
ASSISTANT PROFESSOR HESTER
INSTRUCTOR MCCOLLOUGH

The Spilman Philosophy Seminar, open to advanced students in Philosophy, was established in 1934 by an endowment, in perpetuity for the Department, of



Reynolda Hall



School of Law

\$4,000 by Dr. Bernard W. Spilman. The income from the endowment is used to provide books for the seminar library which now contains about 4,000 volumes.

In 1960, friends of the Department established the A. C. Reid Philosophy Fund. The annual income from this fund is used to support the departmental library and for other activities connected with the departmental program.

Through a gift in 1966 from the late Guy T. Carswell of Charlotte, North Carolina, a distinguished alumnus of the College, the Guy T. and Clara Carswell Philosophy Lectureship has been established. Lecturers are selected by a special committee, and the lectures will deal with the general subject "Problems of Philosophy as Related to Christian Truth."

The establishment of the James Montgomery Hester Philosophy Seminar was made possible by a gift from Mr. James Montgomery Hester of Long Beach, California, a prominent alumnus of the College. Five persons are selected by a special committee to serve as participants, with their topics restricted to the general subject "Contemporary Problems and Christian Faith."

The furniture of the Department was donated in honor of Mr. and Mrs. W. A. Hough by their children.

A major in this Department requires 24 credit hours, including Philosophy 221, 255, 259, 281, 282.

211. *Introductory Philosophy*

A course designed to introduce to the student the thought of representative philosophers from the early Greeks to the modern period. Sophomore standing required.

M W F 8:00; 10:00; 12:00; 1:00; 2:00; T Th S 8:00; 9:00

221. *Modern Philosophy*

A course designed to introduce the student to the major modern philosophers, from the sixteenth through the nineteenth century. Prerequisite, Philosophy 211.

M W F 9:00 (Fall)

Philosophy

231, 232. *Readings in Philosophy*

Several great books, in or closely related to philosophy, will be read each semester. Prerequisite, Philosophy 211 and special permission.

M W F 11:00

241, 242. *Seminar: Epistemology*

A comprehensive survey of philosophical conceptions of knowledge. Prerequisite, Philosophy 211 and 221, and junior standing.

T Th 8:35

Credit, 3 hours each semester

247, 248. *Plato; Aristotle*

A study of Plato's dialogues and sections of Aristotle's works. Prerequisite, Philosophy 211

T Th 11:00

251, 252. *Kant and Hegel*

Extensive readings and reports. Prerequisite, Philosophy 211.

T Th 1:00

255. *Philosophy of Religion*

A critical consideration of the philosophical aspects of religious thought. Prerequisite, Philosophy 211.

M W F 11:00

257. *Aesthetics*

A critical examination of several philosophies of art, with emphasis on the application of these theories to particular works of art. Prerequisite, Philosophy 211.

Three hours to be arranged

Credit, 3 hours

259. *Logic*

An elementary study of the laws of valid inference, recognition of fallacies, and logical analysis.

M W F 9:00; 10:00

262. *Philosophy of Science*

Systematic exploration of some conceptual foundations of rational procedure, as exemplified especially in the physical sciences. Topics include: the nature of elementary fact, general law, and theoretical construct; the concept of explanation; induction and the role of deduction. Prerequisite, Philosophy 211.

M W F 2:00 (Fall)

263. *Ethics*

A critical study of selected problems in ethical theory. Readings in the ethical works of Western philosophers. Prerequisite, Philosophy 211.

M W F 2:00 (Spring)

267. *Medieval Philosophy*

An examination of the philosophy of the Middle Ages, concentrating especially in the thought of Christian Scholastics. Prerequisite, Philosophy 211.

M W F 9:00 (Spring)

Credit, 3 hours

271. *Contemporary Philosophy*

A study of philosophical thought in the twentieth century, with emphasis upon its origins and distinctive characteristics. Prerequisite, Philosophy 211. Special reading assignments beyond lectures.

T Th 11:00 (Spring Term)

Credit, 3 hours

281, 282. *Seminar: Advanced Problems in Philosophy*

A careful examination of selected special topics in philosophy. Prerequisite, Philosophy 211 and 221 and special permission.

Two hours to be arranged

Credit, 3 hours each semester

Physical Education

PROFESSORS BARROW, DODSON

ASSISTANT PROFESSORS CASEY, CRISP, ELLISON,

POLLOCK

INSTRUCTORS DAWSON, GETTMAN, HAMILTON,

SHOCKLEY

The purpose of the Department of Physical Education is to organize, administer and supervise the following programs: (1) REQUIRED PHYSICAL EDUCATION PROGRAM consisting of conditioning activities, varied team and individual sports, special corrective and remedial instruction to all students with physical problems according to the individual's need, and to teach some basic information on posture and body mechanics,

physiological principles, and practical health facts which must be observed to maintain a state of health and physical fitness. (2) INTRAMURAL SPORTS PROGRAM which allows all students to participate and specialize in varied individual and team sports which will be of lifelong benefit. (3) SUPERVISED RECREATION PROGRAM consisting of varied recreational and leisure time activities. (4) PROFESSIONAL CURRICULUM PROGRAM which will offer the necessary training for those interested in the fields of Health, Physical Education, Recreation and Athletic Coaching.

Required Physical Education

Physical Education 111 and 112 are required of all freshmen and transfer students who have not complied with this requirement. For those men enrolled in ROTC Physical Education 111 and 112 requirement may be postponed until the sophomore year but must be completed by the end of that second year of attendance in Wake Forest College. *Not more than four hours of required or elective physical education may be counted toward graduation.*

111-112. *Physical Education*

A basic course consisting of body mechanics, basic health and physiological principles, aquatics, team sports, rhythmic activities, and individual and dual sports designed to develop fundamental skills. Students' needs and interests will be met by allowing controlled election of selected activities based upon the results of a standardized proficiency examination and-or previous experiences.

Credit, 1 hour each semester

111-112. *Physical Education (Special)*

A course consisting of remedial instruction or limited activity for students with special problems, handicaps or medical excuses.

Hours to be arranged

Credit, 1 hour each semester

Elective Physical Education

For those students who wish to specialize in sports activities beyond the requirement, a varied sports program is offered. Any two of the courses listed below may be elected for credit toward graduation. Prerequisite, Physical Education 111-112.

Hours to be arranged

- 159. Beginning Golf
- 160. Intermediate Golf
- 161. Beginning Badminton & Tennis
- 162. Fundamentals of Dance
- 163. Dance Choreography
- 164. Gymnastics
- 165. Beginning Bowling
- 166. Beginning and Intermediate Swimming
- 167. Advanced Swimming; Beginning Scuba

Credit, 1 hour each

- 168. Life Saving; Water Safety Inst. Course
- 169. Weight Training and Conditioning
- 170. Handball; Squash Racquets
- 172. Water Ballet; Synchronized Swimming
- 173. Conditioning; Body Mechanics
- 174. Intermediate Badminton and Tennis
- 175. Intermediate Bowling
- 176. Marksmanship Sports

Courses for Major Students

Students desiring to elect a major in Health and Physical Education and to satisfy the state requirements for a teaching certificate must be of Junior standing, and will be required to have Biology 111 and 112, and a minimum of 35 hours in Health and Physical Education. The following courses are required of all major students: 251, 254, 258, 352, 353, 355, 356, 357, and 363. Men students must take 220, 221, 222, and 224. Women students must take all of these except 222 for which they substitute 228. The remaining hours may be selected from 271, 376, and 381.

Physical Education major students who are considering graduate study should take course 381 as elective. Course 292 counts as education and is to be taken by

students completing requirements for a teaching certificate.

Physical Education majors with superior records are considered by the department for admission to the honors program in Physical Education. These students must meet certain criteria which have been established by the department, earn a QPR of at least 3.0 on all college work and 3.3 on all hours required for the major in Physical Education, participate satisfactorily in Physical Education 381, and pass a comprehensive written examination. Upon satisfactory completion of these requirements, they will be recommended for graduation with "Honors in Physical Education."

220. *Methods and Materials in Gymnastics, Aquatics, and Dance*

Presentation of knowledge and skill in gymnastics, aquatics, and dance, and knowledge of methods and materials in teaching and coaching of these activities. *Credit, 3 hours*

221. *Methods and Materials in Recreation Games and Sports, and Folk Dance*

Presentation of knowledge and skill in recreational sports, games of low organization, and folk dance; and a knowledge of methods and materials in teaching these activities. *Credit, 3 hours*

222. *Theory of Coaching Sports (Men)*

Presentation of the knowledge of methods and materials in coaching football, basketball, baseball, and track and field. *Credit, 3 hours*

224. *Methods and Materials in Team and Individual Sports*

Theory and practice in organization, teaching, learning, and coaching techniques in selected team and individual sports which are normally included in a comprehensive physical education program. *Credit, 3 hours*

228. *Methods and Materials in Women's Sports (Women)*

Presentation of knowledge and skill in team sports for women, and a knowledge of methods and materials in teaching and officiating. *Credit, 3 hours*

251. *Principles of Physical Education*

A general introductory course and orientation into physical education and its relation to general education and the present organization of society. *Credit, 3 hours*

254. *First Aid; Athletic Injuries*

A course in practical application of first aid and treatment of minor athletic injuries. *Credit, 1 hour*

258. *Organization and Administration of Health and Physical Education*

A course in problems and procedures in Health and Physical Education and the administration of an interscholastic athletic program. *Credit, 3 hours*

271. *Recreation Leadership*

This course emphasizes the various theoretical and practical aspects of leadership in various types of recreation. *Credit, 3 hours*

292. *Education—Teaching of Health and Physical Education**

A course for students in the field of Health and Physical Education where emphasis is placed on the fundamentals of teaching, laws of learning and other essentials. *Credit, 3 hours*

352. *Anatomy and Physiology*

A course to provide students of physical education with a functional knowledge of the anatomic structure and physiologic function of the human body. *Credit, 3 hours*

353. *Physiology of Exercise*

This course presents the many effects of muscular activity on the processes of the body which constitutes the scientific basis of Physical Education. *Credit, 3 hours*

355. *Adapted Physical Education*

A course in body mechanics and kinesiology dealing with a program for all handicapped and special problems in Health and Physical Education. *Credit, 2 hours*

356. *Evaluation and Measurement in Health and Physical Education*

A course in measurement techniques and beginning statistical procedures to determine pupil status in established standards of

* Required Education course in major field counting toward Education requirement

Physics

health and physical education which reflect the prevailing educational philosophy. *Credit, 2 hours*

357. *Kinesiology*

A study of the principles of human motion based on anatomic, physiologic, and mechanical principles. It considers joint and muscle function in motor skills as the approach to the mechanical analysis of movement. *Credit, 3 hours*

363. *Personal and Community Health*

A course presenting personal, family, and community health and the significant developments and current research in the field. *Credit, 3 hours*

376. *Organization and Administration of Recreation*

A course in recreational problems and the administration of the several types of recreation. *Credit, 3 hours*

381. *Research in Physical Education*

A study of the nature and purpose of research, and the methods and techniques used in its procedures. Standards are emphasized with respect to selecting, defining, and analyzing potential problems and preparing bibliographies and writing up research. *Credit, 3 hours*

Physics

PROFESSORS TURNER, HAVEN, SHIELDS, GEORGE
P. WILLIAMS, JR.

ASSOCIATE PROFESSOR BREHME

ASSISTANT PROFESSOR WOLDSETH

In addition to the courses prescribed by the College, the requirements for a B.S. Degree with a major in Physics are a minimum of 33 hours of Physics which must include courses 111, 112, 151, 152, 154, 211, 212; 311, 312, 343, 345; Chemistry 111, 114 and Mathematics through differential equations.

Highly qualified Physics majors are considered by the Department for admission to the honors program in Physics. They must meet certain preliminary require-

ments, earn a QPR of not less than 3.0 on all college work and 3.3 on all work in Physics, complete satisfactorily Physics 381 and pass a comprehensive written examination. They are then graduated with the designation of "Honors in Physics." For additional information consult members of the Physics staff.

The following is a suggested schedule for Physics majors. Electives must be chosen in consultation with the major adviser. Military Science may be taken in addition to the courses listed.

<i>Freshman Year</i>		<i>Sophomore Year</i>	
Physics	111*, 112	Physics	151, 152, 154
Mathematics	105†, 111	Mathematics	112, 113
English	111, 112	Chemistry	111, 114
History	111, 112	English	153, 156
Language‡	111, 112	Language	151, 152
Physical Education	111, 112		
<i>Junior Year</i>		<i>Senior Year</i>	
Physics	211, 212	Physics	311, 312
Mathematics	121, 251	Physics	343
Religion,** 6 hours		Mathematics	351, 352
Political Science	151, 152	Philosophy	211
or Business		Electives	
Administration	213, 214		

105. *Descriptive Astronomy*

An introductory study of the universe from the solar system of the galaxies, with discussions of the celestial sphere and celestial navigation. Several class meetings are scheduled in the evening for purposes of observation.

Credit, 3 hours

111, 112. *General Physics*

A basic course for freshmen and sophomores including the elements of mechanics, properties of matter, wave motion, sound, heat, electricity and magnetism, light, and some of the recent developments in physics. Three hours lecture, two hours laboratory. Upperclassmen may elect this course but will be given additional assignments.

Credit, 4 hours each semester

* Students with superior high school records may choose 151.

† May be omitted by permission of department of Mathematics.

‡ German or Russian preferred, French allowed. [See page 112.]

** See page 113

Physics

151, 152. *Mechanics, Wave Motion and Heat*

The fundamental principles of mechanics, wave motion, and heat, including the study of equilibrium, motion in a straight line and in the plane, conservation laws, simple harmonic motion, gravitation, fluid dynamics, wave motion, and thermodynamics. Calculus is a co-requisite. Three hours lecture both semesters.

Credit, 3 hours each semester

154. *Mechanics, Heat and Wave Motion Laboratory*

Classical experiments are performed with special attention given to treatment of data and analysis of errors. Three hours laboratory.

Credit, 1 hour

211, 212. *Electricity*

The first semester includes a study of electric fields and potentials, electrical properties of matter, magnetic fields, circuit theory, and electromagnetic waves. The second semester is a study of the optics of the electromagnetic spectrum, including reflection, refraction, interference, diffraction and absorption. Prerequisite, Math 112 or by permission of the instructor. Three hours lecture, two hours laboratory.

Credit, 4 hours each semester

230. *Electronics*

Elements of electron theory including a study of electrons in vacuum tubes and semi-conductor devices. An analysis is made of basic circuits including amplifiers, oscillators, scalars, and those circuits used in basic research. Prerequisite, Physics 211. Two hours lecture, two hours laboratory.

Credit, 3 hours

301, 302. *Advanced General Physics*

A course designed primarily for science teachers and includes mechanics, wave motion and sound, thermodynamics, electricity, optics, and selected topics, in atomic and nuclear physics. Credit is not allowed for graduate students in the Department of Physics. Prerequisite, Mathematics 105. Three hours lecture, two hours laboratory.

Credit, 3 hours both semesters

311. *Classical Mechanics*

Selected topics in dynamics including the motion of a system of particles, rigid bodies, and a particle under the action of a central force. This course also includes a study of accelerated reference systems, LaGrange and Hamilton equations, vibrating systems, normal coordinates, vibrating strings and wave motion. Prerequisites, Physics 152, Mathematics 251.

Credit, 3 hours

312. *Electromagnetic Theory*

A study of the basic equations of electromagnetism with emphasis on the meaning and application of Maxwell's equations. Prerequisite, Physics 211, Mathematics 251. *Credit, 3 hours*

343, 344. *Modern Physics*

A two semester lecture course dealing with the theories of atomic, molecular, and nuclear structure. The first semester will be predominantly introductory quantum mechanics, and its application to atomic spectra. Molecular and nuclear structure will be studied in the second semester. *Credit, 3 hours each semester*

345, 346. *Modern Physics Laboratory*

A two semester laboratory course designed to illustrate the theories and principles considered in Physics 343 and 344. Three hours laboratory. *Credit, 1 hour each semester*

351. *Thermodynamics and Statistical Physics*

A study of heat transfer, the laws of thermodynamics, and change of state. An introduction to the kinetic theory of molecular motion, including velocity and density distribution functions, equations of state, and fluctuations considered from the quantum and classical approach. *Credit, 3 hours*

381. *Research*

Library, conference, and laboratory work performed on an individual basis. Open only to students with superior records. Six hours a week. Prerequisite, permission of the staff. *Credit, 2 hours*

Courses for Graduate Students*

412. *Classical Mechanics* *Credit, 3 hours*

413. *Electromagnetism* *Credit, 3 hours*

441, 442. *Quantum Mechanics* *Credit, 3 hours each semester*

452. *Solid State Physics* *Credit, 3 hours*

455. *Magnetic Properties of Solids* *Credit, 2 hours*

* For course descriptions, see the Graduate Bulletin.

Political Science

456. *Seminar on Defects in the Solid State* *Credit, 2 hours.*
461. *Nuclear Physics* *Credit, 3 hours*
470. *Statistical Mechanics* *Credit, 3 hours*
480. *Special Theory of Relativity* *Credit, 3 hours*
491, 492. *Thesis Research*
Credit, 3 hours each semester for two semesters

Political Science

PROFESSOR RICHARDS

PROFESSOR OF ASIAN STUDIES GOKHALE

ASSOCIATE PROFESSOR MOSES

ASSISTANT PROFESSORS BROYLES, FLEER,

REINHARDT*, SCHOONMAKER

INSTRUCTORS SEARS, SEBO, THORNTON

The major in Political Science is 30 hours and must include Political Science 151, 230, 251, 261, and three additional hours in American Government. The remaining 15 hours in the major and 18 hours of required work in related fields are selected by the student and the Political Science adviser. One who elects Political Science to fulfill the basic requirement in the social sciences must take Political Science 151. The additional three hours will normally be selected from Political Science 152, 230, 251, and 261, but any other course numbered 211 to 266 may be elected with the permission of the Department. Political Science 151 is prerequisite for all other courses in the field. Students of demonstrated ability, however, may be admitted to advanced courses, without this prerequisite, with the written approval of their major adviser and the instructor concerned.

Highly qualified Political Science majors are con-

* Absent on leave, 1967-68.

sidered by the Department for admission to the honors program in Political Science. They must meet certain preliminary requirements, earn a QPR of not less than 3.0 on all college work and 3.3 on all work in Political Science, complete a satisfactory senior research project, and pass a comprehensive examination on the senior paper and a selected bibliography recommended by the Department. In addition the honors candidate is required to take Political Science 280 and either Political Science 281 or 282.

American Government

151, 152. *American Institutions, Politics, and Policies*

A survey course in American democracy. The first semester covers the political institutions and processes which give expression to the principles of American democracy. The second semester covers current policies as they relate to these principles. Included are such policy areas as economic regulation, welfare, civil liberties, and national defense. Political Science 151 may be taken without 152.

STAFF

Credit, 3 hours each semester

211. *American Political Parties*

A study of the organization and functions of parties in American politics. Particular attention will be given to the role of political parties in the nomination of candidates for public office, elections, and the governmental process.

MR. FLEER

Credit, 3 hours

212. *Political Behavior*

A study of the influences—social, economic, political—which affect the formation of political opinions and the nature of political participation. Forms of political behavior which will be examined include voting behavior, interest group activity, and the holding of public office. The impact of opinions and political participation on the governmental process will be explored.

MR. FLEER

Credit, 3 hours

213. *Introduction to Public Administration*

Development of administrative organization; organization theory; administrative behavior; politics and administration; personnel and budgetary processes; administrative responsibility.

MR. THORNTON

Credit, 3 hours

214. *Policy and Administration*

The role of public administrative agencies in policy formation and implementation. Topics include administrative organization; sources of external support and opposition; interpersonal behavior; forms of administrative action, including rule-making and adjudication; problems of compliance; control of administration. MR. THORNTON

Credit, 3 hours

218. *The Legislative Function and Policy Formation*

A survey of the legislative function in government. Topics considered include the theory of representative government; legislative structure, organization, and procedure; party organization and influence in legislative bodies; the influence of pressure groups and lobbying in the legislative process; relationships between legislatures and other branches of government.

MR. FLEER

Credit, 3 hours

221. *State and Local Government and Politics*

An advanced course in which political patterns, organization, and processes of state and local governments in the United States are given intensive consideration. Selected problems peculiar to non-national governments will be given special emphasis. MR. THORNTON

Credit, 3 hours

222. *Urban Government and Politics*

A study of government and politics in the American city and metropolitan communities. Special attention will be given to historical developments, forms and structure of government, state-city relations, political control and power structures, functional activities, and the problem of the suburbs.

MR. RICHARDS

Credit, 3 hours

225. *American Constitutional Law: Separation of Powers and the Federal System*

A study of the role of courts in the American political process and an analysis of Supreme Court decisions affecting the three branches of the national government, the relations of the national government to the states, and the relation of the states to each other.

MR. RICHARDS

Credit, 3 hours

226. *American Constitutional Law: Civil Liberties*

A study of judicial interpretations of fundamental and procedural rights in such areas as freedom of expression, religion, and assembly;

substantive due process of law; equal protection of the laws; and the rights of the criminally accused.

MR. RICHARDS

Credit, 3 hours

227. *The Judicial Process*

A study of courts and the legal system as a part of the American political process. Attention is given to judicial organization, procedures involved in litigation, the selection of judges, judicial decision-making, and the social, economic, and political impact of judicial decisions.

MR. RICHARDS

Credit, 3 hours

Comparative Government

230. *Comparative Politics*

A comparative analysis of democratic and authoritarian political systems in industrial and nonindustrial societies.

STAFF

Credit, 3 hours

231. *Great Britain and Western Europe*

A study of the British political system in comparison with continental European systems, particularly those of France and West Germany.

MR. SCHOONMAKER

Credit, 3 hours

232. *The Soviet Union and Eastern Europe*

A comparative examination of the political structures and processes of the Soviet Union and other selected non-democratic regimes of Eastern Europe.

MR. MOSES

Credit, 3 hours

233. *Politics of Developing Areas*

A study of the various social, economic, psychological, and political problems that beset a country undergoing the process of industrialization. The course is designed to present a general introduction to the problem of nonindustrialized nations and to give the student greater proficiency in the use of analytical methods which may prove beneficial in other courses dealing with specific geographical areas.

MR. SCHOONMAKER

Credit, 3 hours

236. *Latin America*

A comparative analysis of the structures and processes of the political systems in Latin America

MR. MOSES

Credit, 3 hours

239. *Government and Politics in East Asia*

An introduction to the political culture of East Asia, with primary emphasis on the nature and development of political thought and processes in China and Japan.

MR. REINHARDT

Credit, 3 hours

240. *Government and Politics in Southeast Asia*

An introduction to the political culture of Southeast Asia, with primary emphasis on nation-building and the political processes in Vietnam, Indonesia, and Malaysia.

MR. REINHARDT

Credit, 3 hours

245. *Government and Politics of South Asia*

A course devoted to the study of the governments of India, Pakistan, Nepal, and Ceylon. Special attention will be given to political organizations, party structures, and provincial and local governmental systems.

MR. GOKHALE

Credit, 3 hours

International Politics

251. *Fundamentals of International Politics*

The course will seek to describe and explain international politics in terms of changing international social systems. The emphasis will be on the ways in which such systems are formed, operate and break down. Major time will be devoted to the development and operation of the present system.

MR. SEARS

Credit, 3 hours

253. *International Organization*

The purpose of this course will be to acquaint the student with the process by which larger political communities are formed beginning with the state and working up to such international organizations as the League of Nations and the United Nations.

MR. SEARS

Credit, 3 hours

254. *American Foreign Policy*

A study of the role of the United States in the contemporary world, with attention to foreign policy-making machinery, the interplay of foreign and domestic policy questions, the style and the substance of American foreign policy.

MR. SEARS

Credit, 3 hours

258. *International Relations of the Latin American States*

A survey of political relations among the republics of Latin America and of relations of these states with other countries. Some emphasis will be given to Latin America-United States relations.

MR. MOSES
Credit, 3 hours

Political Philosophy

261. *Introduction to Political Philosophy: Ancient and Medieval*

An introduction to the continuing problems of political philosophy. Ancient and medieval philosophers are surveyed from Plato to Machiavelli. Original works of Aristotle are treated extensively.

MR. BROYLES
Credit, 3 hours

262. *Political Philosophy: Modern*

A survey of modern political philosophy from Machiavelli through John Dewey. One or two philosophers are selected for special attention and extensive reading of original sources.

MR. BROYLES
Credit, 3 hours

264. *American Political Thought*

A study of the nature of the American experiment in self-government as expressed in the thought of the Founding Fathers, Lincoln and other prominent Americans.

MR. BROYLES
Credit, 3 hours

266. *Asian Political Thought*

A study of the origins and development of political thought in Asia, including the political ideas of the Confucian, Hindu-Buddhist and Islamic traditions. A portion of the course will be devoted to the general examination of Asian nationalism, liberal democracy and socialism and will include a comparison of Eastern and Western political philosophy.

MR. REINHARDT
Credit, 3 hours

Research and Honors

280. *Political Science: Survey of the Discipline*

A limited enrollment course concerned with the nature and purpose of political science as a field of inquiry. Focuses on quantitative and and sociological approaches to the subject and areas of special

Psychology

interest in the discipline, including political theory, comparative government, political behavior, and international relations. Admission with permission of instructor.

MR. BROYLES

Credit, 3 hours

281, 282. *Research in Political Science*

An advanced course devoted to extensive reading and research in the field of Political Science. Admission to the course is by permission of the Department only.

STAFF

Credit, 3 hours each semester

Psychology

PROFESSORS JOHN E. WILLIAMS, BECK, DUFORT

ASSOCIATE PROFESSOR HILLS

ASSISTANT PROFESSORS CATRON, HOROWITZ, TRAV-
LAND, WOODMANSEE

INSTRUCTOR HARBIN

The Department presents Psychology as one of the life sciences, since the basic subject matter and point of view are biological, and as one of the behavioral sciences, with applications of psychological methods to human-social fields. Psychology 151 is prerequisite for all other courses. A student majoring in the Department will be expected to complete 30 hours of work, including courses numbered 211, 212, 323. In addition to the basic (general B.A.) mathematics requirement, a major student must take three additional hours of mathematics from among the following: 111, 157, 161, 255, or other courses approved by the Department of Psychology.

Highly qualified Psychology majors are considered by the Department for admission to the honors programs in Psychology. Admission to this program normally occurs in February of the junior year. Successful completion of the program with the designation "Honors in Psychology" requires that the candidate earn a minimum QPR of 3.3 on all work in Psychology and 3.0

in all other academic work; complete satisfactorily a special sequence of courses including Psychology 281, 282 and 284; and pass a comprehensive written and/or oral examination. For further information consult members of the Psychology faculty.

151. *Introductory Psychology*

A systematic survey of Psychology as a natural science. Sophomore standing required. Three hours lecture-demonstration. Prerequisite to all other courses in Psychology. *Credit, 3 hours*

211, 212. *Introduction to Experimental and Quantitative Methods.*

An introduction to classical and contemporary problems in psychological research, general methods and techniques used in their solution, elementary psychological statistics and their applications. Two hours lecture, four hours laboratory. *Credit, 4 hours each semester*

213. *Psychological Statistics*

Since the statistical procedures are applicable to either populational or experimental data, this course may count as either Psychology or Sociology, but not both. At the time of registration the student must determine in which field credit is desired. Not to be taken by one who has taken Psychology 211, 212. One who takes this course may not receive credit in Bus. Ad. 368, Math 357, 358, or Sociology 280. Two hours lecture, two hours laboratory. *Credit, 3 hours*

241. *Psychology of Adjustment*

Analysis of the principles by which habits and patterns of adjustment are learned and maintained, particularly as these principles have application to the emotional and social adjustment of the normal individual. Intended primarily for students not majoring in Psychology. Not to be taken by one who has taken Psychology 344. Three hours lecture. *Credit, 3 hours*

266. *Developmental Psychology*

A survey of the psychological development of the child. Topics of special interest are psychoanalytic stages of development, child rearing practices, socialization process and personality development. Occasional special laboratory exercises may be scheduled. Three hours lecture. *Credit, 3 hours*

273. Psychology of Business and Industry

Psychological principles and methods applied to problems commonly encountered in business and industry. Three hours lecture.

Credit, 3 hours

281, 282. Original Problems

Research problems to be attacked experimentally or statistically by students majoring in the department. Emphasis is placed on independent work with only guidance from the instructor. It is expected that 281 and 282 will be taken in that order. Credit for either semester alone requires special approval of the instructor. Four hours laboratory. Prerequisites: Psychology 211, 212, consent of instructor.

Credit, 2 hours each semester

284. Honors Seminar in Psychology

A one-semester seminar, designed for the superior student, exploring in depth some of the more challenging concepts in classical and contemporary psychology. Primarily for juniors who are candidates for distinction in psychology but open to others by permission of the instructor.

Credit, 3 hours

321. Learning Theory and Research

An introductory treatment of the nature of the learning process in terms of such phenomena as conditioning, selective learning, reinforcement, extinction, generalization and discrimination, drives and learning, and motor learning. This course covers the theoretical and experimental issues in learning theory and research without covering the application of these issues to practical (e.g., educational) situations.

Credit, 3 hours

323. History and Systems of Psychology

After noting some psychological concepts in ancient and early modern thinking, this course places major emphasis upon nineteenth and twentieth century developments in Germany, France, Britain, Russia, and America. For junior and senior majors, and others upon consent of the instructor. Three hours lecture.

Credit, 3 hours

324, 325. Advanced Theory and Method

Advanced level courses emphasizing current problems which are being attacked experimentally and theoretically. The journal literature will furnish an important source of material for group discussion, in seminar fashion. 324. *Sensation and Perception*. 325. *Learning and Motivation*. Typically only one of the courses will be offered in a particular year. Prerequisites: Psychology 211, 212, consent of instructor.

Credit, 3 hours each semester

331. *Comparative Psychology*

A survey of the evolution of behavior and essential morphology from protozoa to primates. Experimentation on simple (reflex) and complex (learning) functions of the white rat and other available forms. Two hours lecture, two hours laboratory. *Credit, 3 hours*

332. *Physiological Psychology*

Integrative and reactive (neural and chemical) functions of the human body as they involve structures in the receptive, the reactive, and the central phases of action, emotion, and thought. Two hours lecture, two hours laboratory. *Credit, 3 hours*

336. *Perception and the Cognitive Processes*

This course is designed to study classical and contemporary approaches to the problems of perception and thinking. Emphasis will be placed on the nature of these processes and on those factors which influence them, including maturation, learning, motivation, emotion, and personality. *Credit, 3 hours*

338. *Motivation of Behavior*

An analysis of contemporary approaches to motivational theory in terms of such concepts as instinct, drives, acquired drives, reward and punishment, frustration and conflict, curiosity and exploration. *Credit, 3 hours*

344. *Abnormal Psychology*

Descriptive analyses of the major mental disorders with a canvassing of attempts at interpretation, and major types of therapy. Some observation of cases will be attempted. Three hours lecture. *Credit, 3 hours*

352. *Psychological Appraisal*

An introduction to the theory and techniques of psychological appraisal with particular emphasis on psychological tests. The course includes the demonstration of various appraisal techniques but is not intended to train the student as a practitioner. Two hours lecture, two hours laboratory. *Credit, 3 hours*

356. *Personality Theory and Research*

An introduction to classical and contemporary theories of personality and a comparative evaluation of major theories in terms of relevant research studies. The journal literature is used to introduce the student to research problems and methodology in this area. Three hours lecture. *Credit, 3 hours*

362. *Social Psychology*

A predominantly experimental approach to current theoretical and research motifs. These include social perception, social motivational theory, attitude measurement and change, social learning, and small group behavior. Occasional special laboratory exercises may be scheduled. Three hours lecture. *Credit, 3 hours*

Courses for Graduate Students*

415, 416. *Research Design and Analysis in Psychology*

Credit, 3 hours each semester

427, 428. *Behavior Theory*

Credit, 2 hours each semester

434. *Biological Psychology*

Credit, 3 hours

451. *Theory and Practice of Psychological Testing*

Credit, 3 hours

457. *Experimental Approaches to Personality*

Credit, 2 hours

465. *Advanced Social Psychology*

Credit, 3 hours

481. *Contemporary Problems in Psychological Theory*

Credit, 3 hours

483. *Reading and Research in Psychology*

Credit, 1, 2 or 3 hours

491, 492. *Thesis Research*

Credit, 3 hours each semester for two semesters

*For course descriptions, see the Graduate Bulletin.

Religion

PROFESSORS GRIFFIN, ANGELL, BRYAN, E. W.
HAMRICK

ASSOCIATE PROFESSORS DYER, MITCHELL, VIA

ASSISTANT PROFESSORS TALBERT, TRIBLE

VISITING LECTURER ROSE

The Department of Religion offers courses in instruction designed to give every student entering Wake Forest an opportunity to acquire at least an introduction to the life, literature and the most important movements in the field of religion. It also seeks to give to students preparing for specialized service, as religious education directors, ministers, and missionaries, the foundational courses needed for further study.

Six hours in Religion are required for all degrees. Three hours to be selected from courses: 111, 112, 153, 155, 157; and three hours from the following: 231, 256, 261, 264, 271.

A major in Religion requires 30 credit hours—at least 12 hours in Biblical studies and the remaining hours from other offerings of the Department.

A major in Religious Education requires 30 credit hours—12 hours in Biblical studies and 18 hours selected from the following: Religion 240, 256, 264, 271, 292, 341, 342, 343, 350; Music 229, 230.

Pre-seminary students are advised to include in their program of study, in addition to courses in Religion, courses in Philosophy, Ancient History, Public Speaking, and two languages, Greek or Latin, and German or French.

Majors in Religion who have completed three courses in the Department with a QPR of 3.3, and an overall QPR of 3.0 on all college work, may apply to the Chairman of the Department for admission to the honors program. Normally this is to be done by February of the

junior year. Upon completion of all the requirements, the candidate will be graduated with the designation of "Honors in Religion." For further information consult members of the Religion Department.

111. *Introduction to the Old Testament*

A survey of the Old Testament designed to introduce the student to the history, literature and religion of the ancient Hebrews. STAFF
Credit, 3 hours

112. *Introduction to the New Testament*

A survey of the environment, literature and thought of the New Testament intended to introduce the student to the significance of the ministry of Jesus and the origins of the Christian Church.

STAFF
Credit, 3 hours

153. *The Hebrew Prophets*

A study of the background, personal characteristics, function, message, contribution, and present significance of the Hebrew prophets.

MR. HAMRICK, MISS TRIBLE
Credit, 3 hours

155. *Jesus and the Synoptic Gospels*

An examination of Matthew, Mark, and Luke as theologies and a consideration of the quest for the historical Jesus.

MR. TALBERT, MR. VIA
Credit, 3 hours

157. *The Bible Through the Ages*

A study of the beginnings, development, and transmission of the Bible with special attention to the formation of the canon and the history of Biblical translation.

MR. HAMRICK
Credit, 3 hours

231. *Basic Christian Ethics*

The biblical and theological foundations of the Christian Ethic and its expression in selected contemporary problems.

MR. BRYAN
Credit, 3 hours

236. *Church and Community*

An examination of the basic needs and trends of the contemporary community, especially the rural and suburban, in the light of the Christian norms for "the good community" (*koinonia*); the strategy of the church in constructive community relations.

MR. BRYAN
Credit, 3 hours

240. *Theory of Religious Education*

A study of the nature and meaning of religious education with emphasis upon the basic foundations in religion and education. Attention is given to various viewpoints about learning; to objectives; to a consideration of curriculum.

MR. MITCHELL

Credit, 3 hours

256. *Polity and Worship in American Religious Life*

A comparative study of the organization and worship of the major religious bodies in the United States today, including a brief examination of historical roots.

MR. MITCHELL

Credit, 3 hours

261. *World Religions*

The place of religion in life and the origin, nature, and accomplishments of the living religions of the world, studied from the historical point of view.

MR. GRIFFIN

Credit, 3 hours

264. *The History of Christianity*

A rapid survey of the history of the Christian Church.

MR. GRIFFIN

Credit, 3 hours

271. *An Introduction to Christian Theology*

A study of the ground, structure and content of Christian belief.

MR. ANGELL

Credit, 3 hours

281, 282. *Honors Course in Religion*

A conference course for students who wish to graduate with "Honors in Religion." It will provide the structure in which the student will prepare for his comprehensive exam or prepare his research project. Final credit is dependent upon the completion of both semesters.

Credit, 1 hour each semester

292. *Teaching of Religion—Methods and Materials*

A study of the principles and purposes of method and of the use of methods and materials in the field of religious education especially as it is related to the work within the local church and community. This course may be credited as Education for those who are applicants for a state teacher's certificate in religious education.

MR. MITCHELL

Credit, 3 hours

311, 312. *An Introduction to Biblical Hebrew*

A study of the essentials of Hebrew grammar, syntax, and vocabulary. Reading and exegesis of selected passages from the Old Testa-

Religion

ment. Credit will be given for 311 only with the successful completion of 312.

MR. HAMRICK, MISS TRIBLE

Credit, 3 hours each semester

314. *Introduction to Biblical Archaeology*

A survey of the contributions of Near Eastern archaeology to Biblical studies.

MR. HAMRICK

Credit, 3 hours

315. *The Narrative Literature of the Old Testament*

A study of types of narratives in the Old Testament and of the relationship between literary forms and meaning. Special attention will be given to the narrative traditions of the Pentateuch.

MISS TRIBLE

Credit, 3 hours

316. *The Poetic Literature of the Old Testament*

A study of Job, Psalms, Proverbs, Song of Solomon, Lamentations, with some attention to scattered poems in other Old Testament books.

MISS TRIBLE

Credit, 3 hours

317. *Ancient Israel and Her Neighbors*

A comparative study of ancient Near Eastern cultures and religions, with special emphasis on Israel's relationships with surrounding peoples.

MR. HAMRICK

Credit, 3 hours

322. *Johannine Literature*

Consideration of one of the following: the Fourth Gospel, the Johannine Epistles, or Revelation. Prerequisite, 3 hours in Religion.

MR. TALBERT, MR. VIA

Credit, 3 hours

327. *Major Epistles of Paul*

Consideration of one of the following: Romans, I Corinthians, II Corinthians, Galatians, or Colossians. Prerequisite, 3 hours in Religion.

MR. TALBERT, MR. VIA

Credit, 3 hours

334. *Christian Ethics and Contemporary Culture*

A study of the encounter between the Christian Ethic and the value systems implicit in certain social areas such as economics, politics, race and sex.

MR. BRYAN

Credit, 3 hours

341. *Administration of Religious Education*

The aim of this course is to prepare students for practical leadership in the educational work of the churches. Emphasis is laid upon the church school and other auxiliary agencies, through which the churches carry on their program of education, and upon practical methods of organizing and administering such a program.

MR. MITCHELL
Credit, 3 hours

342. *The Religious Education of Children*

Designed as an introduction to the study of child development and its significance for the home and church in regard to religious education. The course deals specifically with age groups from the nursery through juniors.

MR. DYER
Credit, 3 hours

343. *The Religious Education of Young People and Adults*

A study of growth and development through adolescence to adulthood, with emphasis on the role of the home and the church in religious education.

MR. DYER
Credit, 3 hours

346. *Theological Foundations of Religious Education*

A study of theological methodology, theories of learning and philosophies of education in terms of their implications of religious education.

MR. MITCHELL
Credit, 3 hours

350. *Psychology of Religion*

An examination of the psychological elements in the origin, development, and expression of religious experience. Informal lectures and class discussions on assigned readings.

MR. MITCHELL
Credit, 3 hours

362. *Post-Biblical Judaism*

The rise and development of post-Biblical (Rabbinic) Judaism until modern times, treated through a consideration of the concepts, events, movements and personalities which have shaped its growth.

MR. ROSE
Credit, 3 hours

365. *History of Religions in America*

A study of American religions from Colonial times until the present.

MR. GRIFFIN
Credit, 3 hours

Religion

367. *The Primitive Church*

A study in the major problems of Christian origins; readings of primary sources and investigation of selected themes. Prerequisite, 3 hours in Religion.

MR. TALBERT
Credit, 3 hours

373. *The History of Christian Thought*

A study of the history of Christian thought, beginning with its Hebraic and Greek backgrounds and tracing its rise and development to modern times.

MR. ANGELL
Credit, 3 hours

374. *Contemporary Christian Thought*

An examination of the major issues and personalities in modern theology.

MR. ANGELL
Credit, 3 hours

378. *Theology and Modern Literature*

A consideration, in the light of theological thought, of the human situation as reflected in the works of such writers as Dostoevsky, Updike, Kafka, Lawrence, Faulkner, and Silone.

MR. VIA
Credit, 3 hours

Courses for Graduate Students*

416. *Old Testament Theology*

MISS TRIBLE
Credit, 3 hours

418, 419. *Old Testament Exegesis*

MR. HAMRICK
Credit, 3 hours each semester

421. *New Testament Theology*

MR. VIA
Credit, 3 hours

423, 424. *New Testament Exegesis*

MR. TALBERT
Credit, 3 hours each semester

438. *Seminar in Historical Types of Christian Ethics*

MR. BRYAN
Credit, 3 hours

448. *Seminar in Religious Education*

MR. MITCHELL
Credit, 3 hours

* For course descriptions, see the *Graduate Bulletin*.

Romance Languages

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|-----------|--|---|
| 466. | <i>Seminar in Christian History</i> | MR. GRIFFIN
<i>Credit, 3 hours</i> |
| 475. | <i>Seminar in History of Christian Thought</i> | MR. ANGELL
<i>Credit, 3 hours</i> |
| 480. | <i>Theology and the Aesthetic</i> | MR. VIA
<i>Credit, 3 hours</i> |
| 491, 492. | <i>Thesis Research</i> | STAFF
<i>Credit, 3 hours each semester</i> |

Romance Languages

A major in this Department requires 30 hours in either French or Spanish.

A language laboratory has been in operation since September 1960. Students enrolled in language courses numbered 111, 112, 151 and 152 are required to spend one hour per week in the laboratory as part of their class preparation.

French or Spanish majors who have a minimum quality point ratio of 3.0 in all college work and 3.3 in Romance Language courses may be admitted to the honors program in Romance Languages. Honors candidates must complete a major in French or Spanish with an over-all quality point ratio of at least 3.0 and a minimum quality point ratio of 3.3 in Romance Language courses, complete satisfactorily French or Spanish 281, and pass a comprehensive written and oral examination. The oral examination may be conducted, at least in part, in the student's major language. Successful honors candidates are graduated with the designation "Honors in Romance Languages."

I
French

PROFESSORS PARCELL, PARKER, SHOEMAKER
ASSOCIATE PROFESSORS MARY FRANCES ROBINSON,
ANNE TILLET
VISITING LECTURER RODTWITT
INSTRUCTORS BOURQUIN, GARRISON, JENKINS

111, 112. *Elementary French*

A course for beginners, covering the principles of French grammar, and the reading of elementary texts. The equivalent of two years of French in high schools. *Credit, 3 hours each semester*

151, 152. *Intermediate French*

A continuation of grammar and composition. Translation of a number of texts with a view to building up a vocabulary and acquiring facility in pronunciation and sight reading. Prerequisite, French 111, 112 or its equivalent. *Credit, 3 hours each semester*

211, 212. *Introduction to French Literature*

Reading of selected texts. Parallel reading and reports. Prerequisite French 151, 152 or its equivalent. *Credit, 3 hours each semester*

221. *Conversation and Phonetics*

A course stressing practice in speaking French. Particular attention paid to phonetics, pronunciation, intonation, fluency, correctness of sentence structure, and vocabulary of everyday situations. Prerequisite, French 152 or its equivalent. *Credit, 3 hours*

222. *Composition and Review of Grammar*

A systematic review of the fundamental principles of grammar, with intensive practice in translation and composition aimed at the development of a reasonable competence in writing correct French. Prerequisite, French 152 or its equivalent. *Credit, 3 hours*

223. *Advanced Composition*

Practical training in writing French, both from literary models and in free composition. Further analysis of comparative grammar and study of problems not treated in more elementary courses. English texts of increasing difficulty will be translated and discussed in class. Prerequisite, French 222 or its equivalent. *Credit, 3 hours*

224. *French Civilization*

A survey of present-day French culture, including consideration of its historical development. Emphasis on intellectual, artistic, political, social and economic life of France. Course conducted in French. Prerequisite, French 221 or permission of instructor.

Credit, 3 hours

231. *Medieval French Literature*

A survey of French literature of the Middle Ages with cultural and political backgrounds. Translation of selected masterpieces in original form and modern transcription; lectures, parallel reading and reports. Conducted in English. Prerequisite, French 211, 212 or its equivalent.

Credit, 3 hours

232. *Sixteenth Century French Literature*

After a brief consideration of the historical background, a survey of the outstanding writers of the sixteenth century. Lectures, parallel reading and reports. Conducted in English. Prerequisite, French 211, 212 or its equivalent.

Credit, 3 hours

241, 242. *Seventeenth Century French Literature*

After a brief consideration of the historical background, a survey of the outstanding writers of the classical age. Lectures, parallel reading and reports. Conducted in English. Prerequisite, French 211, 212 or its equivalent. (*Not offered in 1968-69*)

Credit, 3 hours

244. *Molière*

Intensive study of the plays. Some translation in class. Parallel reading, lectures and reports. Prerequisite, French 211, 212 or its equivalent.

Credit, 3 hours

246. *Racine*

Intensive study of the plays. Some translation in class. Parallel reading, lectures and reports. Prerequisite, French 211, 212 or its equivalent.

Credit, 3 hours

251. *Eighteenth Century French Literature*

A survey of French philosophical and political literature of the eighteenth century. Emphasis on Montesquieu, Voltaire, Diderot, Rousseau, and *L'Encyclopédie*. Intensive and extensive reading, lectures, and reports. Prerequisite, French 211, 212 or its equivalent.

Credit, 3 hours

261. *French Romanticism*

A study of the chief French romantic poets. A considerable amount of the poetry of Lamartine, Musset, Hugo and Vigny read in class, supplemented with parallel reading. Lectures and reports. Conducted in English. Prerequisite, French 211, 212 or its equivalent.

Credit, 3 hours

262. *French Literature of the Latter Nineteenth Century*

A survey of French literature of the latter half of the nineteenth century with cultural and political backgrounds. Lectures, discussions, reports. Emphasis on poetry. Prerequisite, French 212 or its equivalent.

Credit, 3 hours

263. *Trends in French Poetry*

Poetic theory and practice in France from the Renaissance to the Revolution. Analysis and interpretation of a considerable number of works from the sixteenth, seventeenth, and eighteenth centuries. In addition to the historical perspective of the genre, particular attention will be devoted to structure, imagery and symbolism. Prerequisite, French 211 or its equivalent.

Credit, 3 hours

264. *The French Novel*

A study of several masterpieces in the field of the novel, including representative selections from the *conte* and the *nouvelle*. The development of the novel from the early seventeenth century to the late nineteenth century. Lectures, parallel reading and reports. Prerequisite, French 211, 212 or its equivalent.

Credit, 3 hours

265. *Nineteenth Century French Drama*

An intensive study of the principal dramatic works, and a consideration of the related literary movements which evolved during the course of the nineteenth century in France. Lectures, parallel readings, oral and written reports. Prerequisite, French 211, 212 or its equivalent.

Credit, 3 hours

271, 272. *French Literature of the Twentieth Century*

An analysis of the currents in French literature during the twentieth century. Detailed study of representative works of the foremost prose writers, dramatists and poets. Lectures in English and/or French, supplemental readings, oral and written reports. Prerequisite, French 211, 212, or its equivalent. (Not offered in 1968-69)

Credit, 3 hours each semester

281. *Reading and Research*

Extensive reading in the field of French literature. Study of bibliography and research techniques. Presentation of a major research paper. Open to students by permission of the department. Required of candidates for departmental honors.

Credit, 3 hours

II

Hindi *

PROFESSOR GOKHALE

111, 112. *Elementary Hindi*

Basic Hindi grammar and vocabulary. The course is primarily designed to give the student enough knowledge of the language to read newspapers and simple Hindi books.

Credit, 3 hours each semester

151, 152. *Intermediate Hindi*

A two semester course devoted to the teaching of the basic principles of literary Hindi; advanced vocabulary building and composition; introduction of Hindi literary texts.

Credit, 3 hours each semester

III

Russian *

ASSOCIATE PROFESSOR ANNE TILLET

111, 112. *Elementary Russian*

The essentials of Russian grammar and the reading of elementary texts. Admission with the consent of the instructor. (*Not offered in 1969-70*)

Credit, 3 hours each semester

151, 152. *Intermediate Russian*

Continuation of the study of Russian grammar, with practice in conversation and composition. Reading of selected texts. Prerequisite, Russian 111, 112 or its equivalent.

Credit, 3 hours each semester

* These courses are attached to the Department of Romance Languages for administrative purposes only.

211, 212. *Introduction to Russian Literature*

Reading of selected texts from the literature of the 19th and 20th centuries. Parallel reading and reports. Prerequisite, Russian 151, 152 or the equivalent. (*Not offered in 1968-69*) *Credit, 3 hours each semester*

IV

Spanish

ASSOCIATE PROFESSORS KING, BRYANT, CAMPBELL
INSTRUCTORS DELGADO, JENSEN

111, 112. *Elementary Spanish*

A course for beginners, covering grammar essentials, pronunciation, dictation, and reading of simple prose. *Credit, 3 hours each semester*

151, 152. *Intermediate Spanish*

A review of grammar and composition with practice in conversation. Reading of selected texts. Prerequisite, Spanish 111, 112 or equivalent. *Credit, 3 hours each semester*

211, 212. *Introduction to Hispanic Literature*

Selected readings in Spanish and Spanish American literature from the beginnings to the contemporary period. Parallel reading and reports. Prerequisite, Spanish 151, 152 or equivalent. *Credit, 3 hours each semester*

221. *Conversation and Phonetics*

A course stressing practice in speaking Spanish. Particular attention paid to phonetics, pronunciation, intonation, fluency, correctness of sentence structure, and the vocabulary of everyday situations. Prerequisite, Spanish 152 or equivalent. *Credit, 3 hours*

222. *Latin American Civilization*

A survey of present-day Latin American culture in the light of its historical development. Emphasis on the intellectual, artistic, political, social and economic life of Latin America. Lectures, discussion, and oral and written composition. Course conducted in Spanish. Prerequisite, Spanish 221 or permission of instructor. (*Offered in alternate years. Not offered in 1968-69.*) *Credit, 3 hours*

223. *Advanced Grammar and Composition*

A thorough and systematic review of the fundamental principles of grammar, with intensive practice in translation, composition and language analysis, aimed at the development of a reasonable competence in writing correct Spanish. Prerequisite, Spanish 152 or equivalent. *Credit, 3 hours*

224. *Spanish Civilization*

A survey of present-day Spanish culture in the light of its historical development. Emphasis on the intellectual, artistic, political, social and economic life of Spain. Lectures, discussion, and oral and written composition. Course conducted in Spanish. Prerequisite, Spanish 221 or permission of instructor. (*Offered in alternate years. Not offered in 1968-69*) *Credit, 3 hours*

225, 226. *Survey of Spanish Literature*

A comprehensive survey of Spanish literature from the beginnings to the present. The first half will include Spanish literature to 1700; the second half will include Spanish literature from 1700 to the present. Prerequisite, Spanish 211, 212 or equivalent; also recommended, Spanish 221. *Credit, 3 hours each semester*

227. *Spanish American Literature*

A general survey of Spanish American literature from the Colonial through the contemporary period, including selections from representative novels, short stories, essays, and poetry. Parallel reading and reports. Prerequisite, Spanish 211, 212 or equivalent. *Credit, 3 hours*

234. *Spanish Prose Fiction Before Cervantes*

A historical and critical analysis of the several types of prose fiction which developed in Spain prior to the appearance of the *Quixote* in 1605. Lectures and readings provide the foundation for class discussion of the sentimental, chivalric, pastoral, Moorish, and picaresque novels as forerunners of the prose masterpiece by Cervantes. Prerequisite, Spanish 211, 212 or equivalent. *Credit, 3 hours*

241. *Golden Age Drama*

A study of the drama of the Golden Age with emphasis upon the dramatic works of Lope de Vega, Calderón de la Barca, Tirso de Molina, and Ruiz de Alarcón. Lectures, classroom discussions, parallel reading and reports. Prerequisite, Spanish 211, 212 or equivalent. *Credit, 3 hours*

243. *Cervantes*

Intensive study of the life and works of Cervantes, with special emphasis on the *Quixote* and the exemplary novels. Lectures, parallel reading and reports. Prerequisite, Spanish 211, 212 or equivalent. *Credit, 3 hours*

261. *Nineteenth Century Spanish Novel*

A study of the novels of Valera, Pereda, Galdós, Pardo Bazan, Blasco Ibañez and their contemporaries, with consideration of literary and social trends in the last half of the nineteenth century. Lectures, readings, and reports. Prerequisite, Spanish 211, 212 or equivalent. *Credit, 3 hours*

262. *Spanish Romantic Drama*

An intensive study of Spanish Romanticism with emphasis on the drama. Lectures, classroom discussions, parallel reading and reports. Prerequisite, Spanish 211, 212 or equivalent. (*Not offered in 1968-69.*) *Credit, 3 hours*

265. *Spanish American Novel*

A study of the novel in Spanish America from its beginnings to the contemporary period. Lectures, parallel reading and reports. Prerequisite, Spanish 211, 212 or equivalent. *Credit, 3 hours*

272. *Modern Spanish Drama*

An intensive study of the principal Spanish dramatic works of the present century, beginning with the "Generation of '98" and continuing up to the contemporary period. Lectures, classroom discussions, dramatic criticism, parallel reading and reports. Prerequisite, Spanish 211, 212 or equivalent. (*Not offered in 1968-69.*) *Credit, 3 hours*

273. *The Modern Spanish Novel*

An extensive study of representative Spanish novels, beginning with the works of the "Generation of '98" and continuing up to the contemporary period. Lectures, classroom discussions, parallel reading and reports. Prerequisite, Spanish 211, 212 or equivalent. (*Not offered in 1968-69.*) *Credit, 3 hours*

281. *Reading and Research*

Extensive reading in the field of Spanish literature. Study of bibliography and research techniques. Presentation of a major research paper. Open to students by permission of the department. Required of candidates for departmental honors. *Credit, 3 hours*

Sociology and Anthropology

PROFESSORS BANKS, PATRICK
ASSOCIATE PROFESSORS GULLEY, TEFFT
ASSISTANT PROFESSORS EARLE, EVANS
INSTRUCTORS SCHWARTZ, PERRICONE

The requirement for a major in Sociology and Anthropology is 30 hours which must include Sociology 151, 371, 380 and 384 and Anthropology 162, 351 or 352. Students who choose Sociology and Anthropology to meet the basic course requirements in the social sciences will take Sociology 151 and one of the following: Sociology 152 or Anthropology 162 (normally taken by freshmen and sophomores only), or any course from Sociology 323 through 359 or from Anthropology 351 through 373.

Qualified Sociology and Anthropology majors may be considered by the department for admission to the honors program in Sociology and Anthropology. They must have earned a QPR of not less than 3.0 on all college work and 3.3 on all work in this department, satisfactorily complete a senior research project and pass a comprehensive oral and written examination. They are then graduated with the designation of "Honors in Sociology and Anthropology." Members of the staff may be consulted for additional information.

For further information about courses numbered 400 and above consult the Bulletin of the Division of Graduate Studies.

Sociology

151. *Principles of Sociology*

A general introduction to the field of Sociology: social origins; culture, human nature; collective behavior; communities; social institutions; social change.

Credit, 3 hours

Sociology

152. *Social Organization and Social Problems*

An analysis of modern social organization and disorganization as they relate to various social problems. Particular emphasis will be placed on social problems in contemporary American society. One who takes this course may not receive credit for Sociology 344. Prerequisite, Sociology 151. *Credit, 3 hours*

248. *Marriage and the Family*

A study of the social basis and importance of the family, with special reference to the influence of social change on family life and the problems growing out of modern conditions. *Credit, 3 hours*

323. *Social Organization*

An analysis of the structure and function of small and large human groups. Special attention will be given to the bureaucratic structure of selected voluntary associations and administrative organizations. Prerequisite, Sociology 151. *Credit, 3 hours*

325. *Industrial Sociology*

A study stressing the relationship between industry and society, industry and the community, work groups and work relations, the role of the worker in work groups, and the social organization within industries. Prerequisite, Sociology 151. *Credit, 3 hours*

333. *The Community*

A survey of materials relating to the community as a unit of sociological investigation. Emphasis is placed on the contemporary urban community with special reference to its structure and function. Although this is one of the basic courses in sociology it would have particular relevance for those interested in some form of social or Community work. Prerequisite, Sociology 151. *Credit, 3 hours*

335. *Socio-Cultural Factors in Health and Medicine*

This course deals primarily with problems of health, and with the ways in which social scientists (especially sociologists and anthropologists) contribute to the understanding and solving of such problems in both modern and traditional societies. The impact of western medical practices and theory on non-Western societies is stressed. Prerequisite, Sociology 151. *Credit, 3 hours*

337. *Social Gerontology*

This course will present an overview of the basic social problems and processes of aging. Social and psychological issues will be dis-

cussed. Attention will also be paid to the area of geriatrics dealing with the health of the aged. The need for the establishment of roles for the elderly and restructuring of society to deal with problems of aging will be stressed. The procedures of governmental, voluntary, and private institutions for the aged will be surveyed. A part of the students' time will be devoted to interviewing aged people. Prerequisite, Sociology 151. *Credit, 3 hours*

339. *Public Opinion and Propaganda*

The nature and development of public opinion; its relation to attitude, biases, stereotypes and controversial issues. The place of communication in formal and informal means of control; role of leaders, pressure groups and minority groups; propaganda and censorship; use of radio, press, motion picture and graphic arts; and measurement of public opinion. Prerequisite, Sociology 151. *Credit, 3 hours*

340. *Sociology of Child Development*

A study of the process of socialization in the light of contemporary behavioral science; the primary factors in personality development; the relations between personality and social structure. Prerequisite, Sociology 151. *Credit, 3 hours*

341. *Criminology*

A study of crime from the point of view of its nature, causes, personal and social consequences, and methods of treatment and prevention. Prerequisite, Sociology 151. *Credit, 3 hours*

344. *Social Deviation and Disorganization*

A study of the theoretical approaches to some of the principal social and personal problems in contemporary society. Primary emphasis will be given to the relationship between social structure and social problems. Prerequisite, Sociology 151. *Credit, 3 hours*

355. *Oriental Social and Cultural Systems*

This course is designed primarily to develop in the student a knowledge and an understanding of the basic social and cultural systems of the Orient. Major emphasis will be given to the study of the process of socialization and social institutions. The influence of current cultural contacts with the West and consequent changes in the traditional social institutions will be discussed. Prerequisite, Sociology 151. *Credit, 3 hours*

356. *Modern Asia: the Social Impact of the West*

A study of the cultural contact between East and West with special emphasis on the current social changes in Asian societies under the impact of western technology and ideology. *Credit, 3 hours*

359. *Race and Culture*

A study of racial and ethnic groups from a cultural point of view. A number of inter-racial areas of the world are analyzed with especial reference to Hawaii, Brazil, South Africa, and the United States. Prerequisite, Sociology 151. *Credit, 3 hours*

371. *Contemporary Social Theory*

A systematic study of the major writings in the development of modern sociological thought. The sociological theories of recent writers will be critically examined with a view to laying the foundations for the student's own constructive theory of social life. Prerequisite, Sociology 151. *Credit, 3 hours*

380. *Social Statistics*

This course is designed primarily for the first year of statistics for students in Sociology and related fields. It will deal with research designs, the collection, tabulation, charting, analysis, and summarization of data. Emphasis will be upon the application rather than the theory of statistical methods. This course may count as either Sociology or Psychology, but not both. At the time of registration the student must determine in which field credit is desired. One who takes this course may not receive credit in Bus. Adm. 368, Math 357, 358 or Psychology 213. *Credit, 3 hours*

384. *Social Research*

A survey of the field of sociological research. Practice in the methods of developing studies and analyzing sociological data is emphasized. Prerequisite, Sociology 151, senior standing, and permission of the instructor. *Credit, 3 hours*

385, 386. *Seminar*

A reading and research seminar for majors in Sociology and Anthropology. *Credit, 1 hour each semester*

Anthropology

162. *General Anthropology*

An introduction to the science of man, presenting the basic concepts of human biology and cultural anthropology. Emphasis will be on the origin and development of culture and the relevant processes of innovation, diffusion, acculturation and adaptation. *Credit, 3 hours*

342. *Contemporary Latin American Culture*

The course deals with contemporary Latin American culture. Emphasis is placed on the following: (a) Aspects of culture, such as the land, the people, the blending of New and Old World cultural elements, peasant and marginal peoples, social and political organizations, religion and the church; and (b) Theoretical problems in anthropology to which the data from Latin America have particularly contributed, such as fictive kinship (especially the *compadrazgo* system), acculturation, nationalism, urbanization, the folk-urban continuum, the nature of folk and peasant society, worldview, and culture change. Prerequisite, Sociology 151. *Credit, 3 hours*

343. *Social and Cultural Change*

The course deals primarily with processes of social and cultural change and with the utilization of anthropological theory and knowledge in programs for planned change. The course attempts to relate data about processes of cultural and social change to practical problems of modern life. Emphasis is placed on problems facing the newly-developing countries of the world and the impact of technological change in such fields as public health, community development, education, and agriculture. Prerequisite, Sociology 151. *Credit, 3 hours*

351. *Bioanthropology and Archaeology*

An introduction to the fields of physical anthropology and archaeology, presenting materials on human biology, fossil man, and prehistoric cultures. Students are given an opportunity to do field and laboratory work. Prerequisite, Sociology 151. *Credit 3 hours*

352. *Cultural Anthropology*

An introduction to the scientific study of culture, using materials drawn from ethnology and social anthropology. Emphasis will be given to non-literate cultures, and such topics as technology, economics, kinship and political organization, religion, art, and language will be surveyed. Prerequisite, Sociology 151. *Credit, 3 hours*

353. *Peoples and Cultures of Africa*

A survey of the representative races and cultures of Negro Africa south of the Sahara. Their family, political, religious and economic institutions will be analyzed as well as their value and symbol systems. Consequences of tribal confrontation with Euro-American cultures will be considered. Prerequisite, Sociology 151.

Credit, 3 hours

354. *Primitive Religion*

A study of the world-view and values of various nonliterate cultures as expressed in their myths, rituals, and art. The role of culture in providing a structure for the perception of reality will be explored, and the importance of symbols in human activity will be stressed. Prerequisite, Sociology 151.

Credit, 3 hours

357. *Culture and Personality*

A study of the relations between the individual and his society, including the influence of culture in shaping personalities and the part the individual plays in carrying on or changing his culture. Prerequisite, Sociology 151.

Credit, 3 hours

358. *The American Indian*

A survey of the ethnology and prehistory of the American Indian. Reading and classroom work will be supplemented by field trips to sites of major importance. Prerequisite, Sociology 151.

Credit, 3 hours

362. *Human Ecology and Geography*

A survey of the fundamental concepts and essential data concerning the relations between man and his inorganic and organic environment. The place of culture as an ecological factor will be emphasized.

Credit, 3 hours

373. *Ethnography of Southeast Asia*

An anthropological study of the cultures of Southeast Asia. Attention will be concentrated on the nonliterate cultures in Burma, Thailand, Laos, Cambodia, Viet Nam, Malaya, and Indonesia, supplemented by material on the high cultures of the area.

Credit, 3 hours

385, 386. *Seminar*

A reading and research seminar for majors in Sociology and Anthropology.

Credit, 1 hour each semester

Courses for Graduate Students*

Sociology

- 411. *Development of Sociological Theory*
- 412. *Advanced Sociological Theory*
- 421. *Quantification in Social Research*
- 426. *Seminar: Sociological Research Methods*
- 431. *Seminar: An Analysis of Contemporary Society*
- 491, 492. *Thesis Research*

Anthropology

- 451, 452. *Anthropological Theory*
- 462. *Seminar: Research Methods in Social Anthropology*
- 464. *Seminar: Research in Applied Anthropology*
- 472. *Seminar: Research Methods in Archaeology*
- 491, 492. *Thesis Research*

Speech

PROFESSOR SHIRLEY

ASSOCIATE PROFESSOR BURROUGHS

ASSISTANT PROFESSORS HAYES AND TEDFORD

INSTRUCTOR BENNISON

The major in Speech consists of 30 credit hours which must include courses 151, 161, 121 or 228, 231, 241 or 242, and 252. The Speech adviser will recommend the remaining 12 hours from courses that conform to the individual's needs. Each Speech major is strongly urged to elect courses in the Social Sciences, Psychology, Philosophy, and Literature.

* For course descriptions, see the *Graduate Bulletin*

Superior speech majors meeting certain specified requirements may be invited by the Department to participate in the honors program in Speech. To fulfill the requirements for honors, a student must earn a QPR of 3.3 on all Speech courses and an overall QPR of 3.0, successfully complete Speech 289, and pass a comprehensive written and oral examination at the end of the senior year. Upon satisfactory completion of these requirements, the candidate will be graduated with "Honors in Speech." Members of the Speech staff will provide additional information.

121. *Introduction to the Theatre*

A survey of all areas of Theatre art: Playwrighting, Directing, Acting, Design. Experience in laboratory and University Theatre Productions. *Credit, 3 hours*

151. *Speech Fundamentals*

A study of the nature and fundamentals of Speech. Practice in the preparation and delivery of short speeches. *Credit, 3 hours*

152. *Public Speaking*

The preparation and presentation of short speeches to inform, convince, actuate, and entertain with emphasis on organization and language. Prerequisite, Speech 151. *Credit, 3 hours*

161. *Voice and Diction*

A study of the principles of voice production with emphasis on phonetics as the basis for correct sound formation. *Credit, 3 hours*

221. *History of the Theatre.*

A survey of the development of theatre from its earliest beginnings to the present. Open to freshmen and sophomores by permission of instructor. *Credit, 3 hours*

222. *History of the Theatre*

A survey of theatre in America from colonial to modern times.

Credit, 3 hours

223. *Stagecraft*

A study of the visual elements of play production in theory and in practice. Practical experience gained in laboratory and University

Theatre Productions. Open to freshmen and sophomores by permission of the instructor. *Credit, 3 hours*

226. *Theories of Acting*

A study of the acting theories of the important actors and theatre theorists from Aristotle to the present. Attention will be given to acting techniques. Practical experience will be gained in theatre productions. Open to freshmen and sophomores by permission of instructor. *Credit, 3 hours*

228. *Play Directing*

An introduction to the theory and practice of play directing. Participation in laboratory and University Theatre productions required. Prerequisites: Speech 121, 226, or permission of instructor. *Credit, 3 hours*

231. *Oral Interpretation of Literature*

Fundamentals of reading aloud with emphasis on selection, analysis, and performance. *Credit, 3 hours*

241. *Introduction to Broadcasting*

A study of the development and structure of radio and television broadcasting in the United States. Laboratory work in radio and television announcing. Open to freshmen and sophomores by permission of instructor. *Credit, 3 hours*

242. *Radio and Television Production*

A study of production and direction of radio and television programs. Open to freshmen and sophomores by permission of instructor. *Credit, 3 hours*

251. *Persuasion*

A study of the principles and forms of persuasive speaking. Practice in persuasive speaking. Prerequisite, Speech 151, or permission of the instructor. *Credit, 3 hours*

252. *Argumentation and Debate*

A study of the essentials of argumentation. Practice in debate. Open to freshmen and sophomores by permission of the instructor. *Credit, 3 hours*

253. *American Public Address*

The history and criticism of American public address from colonial times to the present. *Credit, 3 hours*

261. *Speech Correction*

An introductory study of principles and methods of speech correction. Observations and clinical practice will be provided. *Credit, 3 hours*

262. *Speech Pathology*

Essentially a detailed treatment of the disorders of speech. Research project. Prerequisite, Speech 261. *Credit, 3 hours*

263. *Audiology*

Survey of the field of hearing and hearing disorders. Prerequisite, Speech 261. *Credit, 3 hours*

272. *Group Discussion and Conference Leadership*

An introduction to the theory and practice of cooperative group deliberation *Credit, 3 hours*

289. *Honors Course in Speech*

A thorough research paper and a project involving intensive work in an area of special interest will be performed on an individual basis under an advisor appointed by the departmental honors committee. Open to seniors who are candidates for graduation with distinction in Speech. *Credit, 1 hour*

291. *Education—The Teaching of Speech*

A study of speech methods and resources, emphasizing theories and practices in teaching speech in the secondary school.

Credit, 3 hours

The Asian Studies Program

As a result of a grant from the Mary Reynolds Babcock Foundation, an Asian studies program was inaugurated in the fall of 1960 at Wake Forest College, Salem College, and Winston-Salem State College. The director of the program is Professor B. G. Gokhale, and the following courses are available in the Wake Forest University curriculum:

Asian Studies 211, 212. *Asian Thought and Civilization*

Some dominant themes in Asian thought and their influence on Asian civilization. Prerequisite, sophomore standing.

Credit, 3 hours each semester

History 341, 342. *History and Civilization of Southeast Asia*

History 345, 346. *History and Civilization of South Asia.*

History 347, 348. *Modern India*

Hindi 111, 112. *Elementary Hindi*

Hindi 151, 152. *Intermediate Hindi*

Political Science 239. *Government and Politics in East Asia.*

Political Science 240. *Government and Politics in Southeast Asia*

Political Science 245. *Government and Politics of South Asia*

Political Science 266. *Asian Political Thought*

Sociology 355. *Oriental Social and Cultural Systems*

Sociology 356. *Modern Asia: The Social Impact of the West*

Anthropology 373. *Ethnography of Southeast Asia.*

A description of each of these courses may be found in the curriculum of the department concerned.

Courses at Salem College

Wake Forest University and Salem College participate in a plan of exchange credits whereby courses offered at Salem and not offered at Wake Forest are available to full-time students regularly enrolled at Wake Forest. The same privilege is extended by Wake Forest to full-time Salem students.

A Wake Forest student interested in taking a course at Salem must make formal application in advance, and the application must be approved by his faculty adviser and by the Dean of the College. No financial payment is necessary except in certain courses in which the student receives private instruction. Grades and quality points earned in courses at Salem are evaluated in the same way as they would be if the work were taken at Wake Forest.

More detailed information about this plan is available in the offices of the Registrar and the Dean of the College. The plan is effective only during the regular academic year and not during any summer session.

SCHOOL OF BUSINESS ADMINISTRATION

Faculty*

JAMES RALPH SCALES, *President*

GAINES M. ROGERS, *Dean and Professor of Finance*

WILLIAM E. CAGE, *Assistant Professor of Economics*

LEON P. COOK, *Associate Professor of Accounting*

RALPH C. HEATH, *Professor of Marketing*

HUGH K. HIMAN, *Assistant Professor of Economics*

DELMER P. HYLTON, *Professor of Accounting*

W. PENN LEWIS, *Lecturer in Accounting*

JEANNE OWEN, *Professor of Business Law*

KARL MYRON SCOTT, *Professor of Management*

J. VAN WAGSTAFF, *Assistant Professor of Economics*

Aims

The School of Business Administration was conceived by the Administration and Trustees of Wake Forest University to provide a liberal education and at the same time the preparation essential to a career in business. With the constant growth in the industrialization of the region and the increase in the complexity of modern business, it is felt that professional training for men of business becomes ever more essential. The future business leader, as indeed the present, must be an individual with the professional outlook, an individual of strength, culture, and character. Therefore, it is believed that the School of Business Administration operating in conjunction with a liberal arts college, and with a background of Christianity, represents the ideal combination in the preparation for a career in business.

* See Administration and Faculty Sections for full information.

Admission Requirements

A student, who has completed 54 semester hours of work and who meets the quality-point ratio indicated below, may be admitted to the School of Business Administration upon application.

Minimum Quality-Point Requirements:

<i>Hours Attempted</i>	<i>Quality-Point Ratio</i>
54 to 64.9	1.65
65 to 74.9	1.70
75 to 84.9	1.80
85 and over	1.85

Minimum Academic Requirements for Continuation
See page 101.

Enrollment in Courses by Non-Business Students: Students who have not been admitted to the School of Business, may take business courses numbered 300 and above only with permission of the Dean of the School of Business. Those courses which may be counted toward an economics major are excepted.

Transfer of Credit from Other Schools

Of the 57 hours of work in the School of Business Administration required for the B.B.A. degree, a minimum of 36 hours must be taken in this School. The following rules apply for transfer of residence credit from other schools:

1. A course passed with the lowest passing grade at another institution does not give hour credit toward graduation, but may be used to satisfy a course requirement upon approval of the Dean of the School of Business Administration.
2. Work passed above the minimum passing grade:
 - (a) Schools which are members of the American Association of Collegiate Schools of Business:
All credit is acceptable if the student received a satisfactory

- grade in the course and if a similar course is offered at Wake Forest University. Credit for courses not offered at Wake Forest University may be accepted upon approval of the Dean of the School of Business Administration.
- (b) Four-year colleges which are accredited by the regional accrediting association:
Credit for Principles of Accounting and Principles of Economics will be granted with or without a validating exam at the discretion of the Dean of the School of Business Administration. A validating examination may be required for any course transferred.
 - (c) Accredited junior colleges:
Principles of Economics may be accepted without a validating exam at the discretion of the Dean of the School of Business Administration. A validating exam is required for Principles of Accounting. No junior or senior courses will be accepted.
 - (d) Non-accredited schools:
All credit transferred must be validated by examination.
3. A student transferring to Wake Forest University must first meet the general admission requirements of the College. If he transfers 54 hours or more, he must then apply for admission to the School of Business Administration should he wish to become a candidate for the B.B.A. degree. One transferring less than 54 hours may be admitted to the College from which he will be promoted to the School of Business Administration upon meeting the entrance requirements for this school.

Accreditation

The School of Business Administration is a Member of the American Association of Collegiate Schools of Business.

Organizations

The national honorary fraternity in business administration, Beta Gamma Sigma, is represented at Wake Forest. Two professional fraternities in business administration and commerce have installed chapters at Wake Forest. The Gamma Nu Chapter of Delta Sigma Pi and the Gamma Delta Chapter of Alpha Kappa Psi were granted charters in 1950. A local business Society

for women students, Delta Kappa Nu, was organized in 1953.

Awards

For a description of the following awards see pages 90-91: *Lura Baker Padon Medal*, *North Carolina Association of Certified Public Accountants Medal*, *A. M. Pullen and Company Medal*, *Wall Street Journal Award*, *Alpha Kappa Psi Scholarship Key*, *Delta Sigma Pi Scholarship Key*, *Delta Kappa Nu's Business Woman Student Award*.

Dean's List Certificates are awarded to graduating seniors receiving the B.B.A. degree who have appeared on the Dean's List for two of the four semesters prior to graduation.

Degrees

The School of Business Administration offers the Bachelor of Business Administration degree and a major in Economics for those taking the Bachelor of Arts degree. A student cannot be considered a candidate for the B.B.A. degree until he has been admitted to the School of Business Administration.

The Bachelor of Business Administration degree requires one hundred twenty-eight hours of college work. A minimum of fifty-one hours of prescribed work in Business Administration must be taken. A minimum of two quality points must be earned on all hours attempted at Wake Forest. In addition, the student must present a minimum of two quality points for each hour attempted elsewhere. Each student seeking the B.B.A. degree must take a minimum of nine hours beyond the principles level in non-required work in one area of concentration.

Courses required of all candidates for the B.B.A. degree:

Business Administration

Basic Requirements

English 111, 112, 153, 156, 263 or 264	Business Administration 213-214
History 111, 112	Science, 8 hours
*Mathematics 105 and 161	(Laboratory Science)
†Religion, 6 hours	Physical Education 111, 112
‡Sociology or Political Science, 6 hours	Choice of 6 hours:
Philosophy 211	‡Language through 151, 152; or
Business Administration 101-102	Mathematics 111 or 162 or 255 and speech 151

Professional Work

Business Administration 368	Business Administration 331
Business Administration 321	Business Administration 420
Business Administration 361-362	Business Administration 460
Business Administration 340	

Economics Major

Students may obtain the Bachelor of Arts degree with a major in Economics. For a major in Economics forty-two hours are required in Economics and related fields with a minimum of thirty hours in Economics. Principles of Economics, Micro and Macro Theory and Business Statistics must be included.

Highly qualified majors in Economics may be considered for admission to the honors program in Economics. Such candidates must meet certain preliminary requirements, earn a QPR of not less than 3.0 on all college work and 3.3 on all work in Economics, complete a satisfactory economics research project, and pass a comprehensive oral examination on such project, and complete B.A. 419 and either B.A. 413 or B.A. 415. They are then graduated with the designation of "Honors in Economics."

* Those students who are permitted to enter Mathematics 111 as a result of the Mathematics Placement Test are not required to take Mathematics 105.

† See Page 113.

‡ See Page 112.

The courses listed below may be counted toward the major requirement in economics:

B. A. 101, 102	B. A. 340
B. A. 213, 214	B. A. 346
B. A. 313, 314	B. A. 368
B. A. 311	B. A. 411
B. A. 312	B. A. 412
B. A. 315	B. A. 413
B. A. 316	B. A. 414
B. A. 321	B. A. 434

Fields of Concentration

The courses listed below are classified into areas of concentration including both required and elective courses. Each student seeking the B.B.A. degree must take a minimum of nine hours beyond the principles level in non-required work in one area of concentration.

Accounting

The accounting curriculum is designed to give all candidates for degrees in Business Administration or Economics basic knowledge which is essential in understanding and administering business operations. For those who elect more than the minimum required work, the curriculum makes available opportunity for education for the more responsible accounting positions in industry and government and also enables the student to prepare himself for the Certified Public Accountant examination.

A major in accounting is offered to candidates for the B.B.A. degree. In order to qualify as an accounting major, the student must complete Business Administration 101 and 102, 201 and 202, 203, and 404, and three additional courses in accounting. A point-hour ratio of 2.75 to 1 must be attained in accounting subjects. Those who graduate as accounting majors are permitted to take the C.P.A. examination in North

Carolina without qualifying experience which is otherwise necessary. (The point-hour ratio does not apply for C.P.A. examination purposes.)

The senior accounting major may have the opportunity to obtain practical accounting experience and training through the Accounting Internship Program.

It is recommended that the student interested in a career in accounting begin his accounting studies during his freshman year in college.

B.A. 101, 102	Principles of Accounting	6
B.A. 201, 202	Intermediate Accounting	6
B.A. 203	Cost Accounting	3
B.A. 204	Advanced Cost Accounting	2
B.A. 301	Governmental Accounting	3
B.A. 302	Accounting Systems	3
B.A. 401	Advanced Accounting Problems I	3
B.A. 402	Advanced Accounting Problems II	3
B.A. 403	Income Tax Accounting	5
B.A. 404	Auditing	3
B.A. 405	Accounting Internship	2
B.A. 406	Current Accounting Theory	2

Economics

B.A. 213, 214	Principles of Economics	6
B.A. 311	Economic Geography	3
B.A. 312	Economic History of U.S.	3
B.A. 313	Microeconomic Theory	3
B.A. 314	Macroeconomic Theory	3
B.A. 315	International Economics	3
B.A. 316	Economics of Underdeveloped Areas	3
B.A. 346	Principles of Transportation	3
B.A. 411	Public Finance	3
B.A. 412	Comparative Economic Systems	3
B.A. 413	Contemporary Economic Problems	3
B.A. 414	History of Economic Thought	3

Finance

B.A. 321	Money and Banking	3
B.A. 326	Investments	3
B.A. 342	Credits and Collections	3

Business Administration

B.A. 364	Insurance	3
B.A. 403	Income Tax Accounting	5
B.A. 411	Public Finance	3
B.A. 420	Corporation Finance	3

Management and Industrial Relations

B.A. 203	Cost Accounting	3
B.A. 204	Advanced Cost Accounting	2
B.A. 316	Business Cycles	3
B.A. 331	Principles of Management	3
B.A. 332	Production Management	3
B.A. 333	Personnel Management	3
B.A. 431	Labor Legislation	3
B.A. 434	Industrial Relations	3

Marketing

B.A. 315	International Economics	3
B.A. 340	Fundamentals of Marketing	3
B.A. 341	Marketing Management	3
B.A. 342	Credits and Collections	3
B.A. 344	Retailing	3
B.A. 346	Principles of Transportation	3
B.A. 442	Fundamentals of Selling	3

Public Administration

B.A. 270	Public Administration	3
B.A. 301	Governmental Accounting	3
B.A. 331	Principles of Management	3
B.A. 333	Personnel Management	3
B.A. 411	Public Finance	3
Pol.Sci. 151, 152	National, State, and Local Government	3
Pol. Sci. 216	Government and Business	3

Other Courses Not Counted Toward a Concentration

B.A. 350	Business Correspondence	3
B.A. 361	Business Law	3
B.A. 362	Business Law	3
B.A. 366	Real Estate	3
B.A. 368	Business Statistics	3
B.A. 460	Quantitative Analysis of Business Data	3
B.A. 470	Administrative Policy	3

Description of Courses

I

Accounting

101-102. *Principles of Accounting*

The fundamental concepts of accounting, the accounting equation, the accounting cycle. Preparation of statements and working papers. Business Administration 101 is prerequisite to 102.

Credit, 3 hours semester

201-202. *Intermediate Accounting*

A detailed analysis of problems and the related theory concerning accounts normally found in financial statements. Preparation of supplementary reports and statements designed for special purposes. Prerequisite: Business Administration 102; 201 is prerequisite of 202.

Credit, 3 hours each semester

203. *Cost Accounting*

Theory and procedures used in accumulating product costs under job lot and continuous process manufacturing procedures. Major consideration is given to the analysis and interpretation of information accumulated under historical cost accounting procedures. Prerequisite: Business Administration 102.

Credit, 3 hours

204. *Advanced Cost Accounting*

A continuation of BA 203 with emphasis on cost accumulation under predetermined cost procedures. Major attention is concentrated on analysis of variances from budgeted costs. Recent developments in cost accounting theory and practice are investigated. Prerequisite: Business Administration 203.

Credit, 2 hours

301. *Governmental Accounting*

The theory and technique in handling accounts for non-profit institutions, and the preparation of reports and statements, with special emphasis on state and local governmental units. Prerequisite: Business Administration 201

Credit, 3 hours

302. *Accounting Systems*

A study of the functions which must be performed by an adequate accounting system. Methods and procedures necessary to accomplish these functions are examined and related to selected typical organizations. Prerequisites: Business Administration 201 and 203.

Credit, 3 hours

401. *Advanced Accounting Problems—I*

Advanced problems designed as preparation for the student who intends to work for the C.P.A. certificate and for those who desire a more thorough background in accounting. Prerequisite: Business Administration 201. *Credit, 3 hours*

402. *Advanced Accounting Problems—II*

Advanced work in theory and practice of accounting designed to help prepare the student for the C.P.A. examination and to enable him to solve complex business problems. Prerequisite, Business Administration 201. *Credit, 3 hours*

403. *Income Tax Accounting*

Unusual treatment of certain accounts to comply with the Internal Revenue Code. Preparation of individual and corporate returns. Prerequisite: Business Administration 201. *Credit, 5 hours*

404. *Auditing*

A course designed to familiarize the student with the work of the independent professional accountant, with particular emphasis upon examination and verification of books and records and financial statements taken therefrom. Prerequisite: Business Administration 202. *Credit, 3 hours*

405. *Accounting Internship*

This course may be taken only in conjunction with B.A. 404. The student observes and participates in actual operations and submits detailed reports thereon of his activity with a selected firm of certified public accountants. Approval of the Dean of the School of Business Administration is necessary for enrollment in the course. No credit is granted until successful completion of B. A. 404. *Credit, 2 hours*

406. *Current Accounting Theory*

A study of current problems and controversies in accounting theory. Admission to the class is by permission of the instructor only. The class meets in seminar fashion for two hours one day each week. *Credit, 2 hours*

II

Economics

213. *Principles of Economics*

An introductory course with emphasis on micro-economic analysis. Basic economic concepts and theories of production, value and price, economics of the firm, and functional distribution are the principal topics considered. Throughout the course application of relevant principles in the analysis of specific economic problems is stressed.

Credit, 3 hours

214. *Principles of Economics*

The emphasis in this course is on macro-economic analysis. Principal topics considered are national income concepts, national income analysis, money and banking, and problems of economic growth and economic instability. Throughout the course application of relevant principles in the analysis of specific economic problems is stressed. Prerequisite; Business Administration 213.

Credit, 3 hours

312. *Economic History of the United States*

This course may count as Business Administration or History, but not both. At the time of registration the student must determine in which field credit is desired. See History 264.

Credit, 3 hours

313. *Microeconomic Theory*

An examination of the basic methods of price and distribution theory, including demand analysis, costs of production and supply relationships, and price and output determination under various market structures. Prerequisites: Business Administration 213, 214.

Credit, 3 hours

314. *Macroeconomic Theory*

Study of aggregate economic accounts, including the measurement of national income, determinants of levels of income and output, and causes and cures for problems of unemployment, inflation and economic growth. Prerequisites: Business Administration 213, 214.

Credit, 3 hours

315. *International Economics*

An introductory study of the main features of the international economy, including international specialization and trade, balances of payments, foreign exchange, international disequilibrium and

process of adjustment, trade restrictions and commercial policies, foreign investment. Prerequisite: Business Administration 213, 214.

Credit, 3 hours

316. *Economics of Underdeveloped Areas*

A course concerned with the economics of underdeveloped countries, their growth and development. The course will examine the various theories of economic growth, common problems of developing economies, and alternative means of alleviating such problems. Prerequisite: Business Administration 213, 214.

Credit, 3 hours

411. *Public Finance*

A study of government expenditures, budgeting, the administration of the public debt and the ensuing effects upon the economy, public revenue with an examination of each of the main taxes, and inter-governmental financial relationships. Prerequisite: Business Administration 213, 214.

Credit, 3 hours

412. *Comparative Economic Systems*

An objective examination of the theory, programs, and practices of the principal contemporary economic systems, including capitalism, socialism, communism, fascism, and co-operation. Prerequisite: Business Administration 213, 214.

Credit, 3 hours

413. *Contemporary Economic Problems*

An application of economic principles to basic issues of the day. Major emphasis will be placed upon the economic research and analysis that precedes policy formation. Intended primarily for seniors taking a major or concentration in economics. Admission by permission of the instructor only. Prerequisite: Business Administration 213, 214.

Credit, 3 hours

414. *History of Economic Thought*

A historical survey of the main development in economic thought from the biblical period to the twentieth century. Prerequisite: B. A. 213, 214.

Credit, 3 hours

415. *Seminar in American Economic Development*

A study in which economic theory and statistical methods are applied to problems and issues in American economic progress. The course will concentrate on a detailed analysis of certain economic institutions and their effects upon a changing economy. Advanced reading, discussion, and research are expected of the student. Prerequisite: B.A. 213, 214.

Credit, 3 hours

Management

419. *Economic Research*

An advanced course devoted to extensive reading and research in a selected area of economics. Each student will work under the personal supervision of a member of the economics staff. Admission to course by permission of staff only. Prerequisite: B.A. 313, 314.

Credit, 3 hours

III

Finance

321. *Money and Banking*

A study of monetary systems, the banking structure, banking problems and international finance. Prerequisite: Business Administration 213, 214.

Credit, 3 hours

326. *Investments*

A study of the principles governing the proper investment of personal and institutional funds; information sources; exchanges and government regulations. Prerequisite: Business Administration 214, 101, and 102.

Credit, 3 hours

364. *Insurance*

A study of the fundamental principles of insurance and their application to life, property, casualty, and social insurance. Offered in alternate years.

Credit, 3 hours

420. *Corporation Finance*

A study of the principles and practices of corporate finance, types of securities and characteristics, problems of promotion and combination, security placement, operating policies, receivership and reorganization, and government control. Prerequisite: Business Administration 214, 101, and 102

Credit, 3 hours

IV

Management and Industrial Relations

331. *Principles of Management*

A survey course designed to acquaint the student with the aspects of modern management. The background of the management movement, administrative policies, plant location, plant layout, product

development and research, and personnel relations are among the topics covered. Prerequisite: Business Administration 213, and 214.

Credit, 3 hours

332. Production Management

Selected production problems are considered. Assembly-line techniques and quality control of materials will be covered. Prerequisite: Business Administration 213, 214 and 331.

Credit, 3 hours

333. Personnel Management

A study of the principles and procedures involved in the recruitment and selection of a labor force, the handling of grievances, problems involved in collective bargaining, remuneration policies, merit rating, promotion and transfer, training in industry, and personnel records. Prerequisite: Business Administration 214.

Credit, 3 hours

431. Labor Legislation

Labor problems are comprehensively treated with particular emphasis upon their legal aspect; foundation of the labor movement, the social and political program they seek to carry through, the labor contract, social insurance legislation, and child labor laws are among the problems considered. Offered in alternate years. Prerequisite: Business Administration 213, 214.

Credit, 3 hours

434. Industrial Relations

A course designed to acquaint the student with the trade unions as an institution, management objectives, the bargaining process, the economics of wage determination, the handling of non-wage issues in collective bargaining, and the politico-economic impact of trade unions upon the development of the American economy. Prerequisite: Business Administration 213, 214.

Credit, 3 hours

V

Marketing

340. Principles of Marketing

An examination of the marketing structure within the framework of the dynamic economic system of the United States. Studies the movement of goods from producer to consumer through the various channels of distribution; the functions of marketing; marketing costs; the choice of policies; social and economic implications.

Credit, 3 hours

341. *Marketing Management*

This course is designed to further the student's understanding of business operations through study of the various functions considered to be a part of marketing management; Marketing Research; The Marketing Organization; Planning, Programming, Pricing the Product and Costing Distribution; Sales Management; Industrial Marketing; and International Marketing. Prerequisite: Business Administration 340. *Credit, 3 hours*

342. *Credits and Collections*

A study of the credit problems of individual business firms. Examines the policies upon which good credit practice is built; sources of credit information; analysis of risk; collection procedures; credit department organization; significance of consumer and mercantile credit to the economy. *Credit, 3 hours*

344. *Retailing*

An introductory course designed to acquaint the student with the basic problems of retailing. Business location, store layout, merchandise display, buying procedures, and inventory control are among the topics covered. *Credit, 3 hours*

346. *Principles of Transportation*

An analysis of the economic, social, and political aspects of transportation, with particular reference to the United States. This course develops the place that transportation holds in commercial logistics, and examines current problems in the field of transportation. *Credit, 3 hours*

442. *Fundamentals of Selling*

A study of the sales function in the marketing of goods and services. This course is designed to acquaint the student with the fundamentals of both advertising and personal selling as an integral part of the marketing process. *Credit, 3 hours*

VI

Public Administration

270. *Public Administration*

This course may count as Business Administration or Political Science, but not both. At the time of registration the student must determine in which field credit is desired. See Political Science 213. *Credit, 3 hours*

Other Courses Not Counted Toward a Concentration

350. *Business Correspondence*

A course in the theory and practical application of business writing principles, dealing concretely with salesmanship, collection, credit, *et cetera*, with particular reference to the types of expression best adapted to the problems of those fields. Prerequisite: typing ability.

Credit, 3 hours

361, 362. *Business Law*

A study of the more important legal principles which govern in the daily conduct of business. Discussion of contracts, agency, negotiable instruments, sales, bailments, partnership, corporations, bankruptcy, and other topics.

Credit, 3 hours each semester

366. *Real Estate*

A study of the fundamental principles, laws, and practices relating to appraisal, ownership, control, financing, and transfer of residential and other real property.

Credit, 3 hours

368. *Business Statistics*

A study of statistical methods with emphasis upon business and economic data, including such techniques as collecting, classifying, tabulating, graphing, and combining data in frequency distributions; index numbers; time series; correlation; and preparation of reports. One taking this course may not receive credit in Math 357, 358, Sociology 280, or Psychology 213. Prerequisite: Sixty semester hours work.

Credit, 3 hours

460. *Quantitative Analysis of Business Data*

This course, required of all B.B.A. degree candidates except those majoring in accounting, is designed to help the student use accounting and related data in solving problems in business administration. The case method is employed to a considerable extent. Prerequisite: Business Administration 214 and 102.

Credit, 3 hours

470. *Administrative Policy*

A course designed to synchronize learning in the areas of economics, marketing, finance, management, and law through the use of general case studies, problem solving, gaming, and other techniques for establishing some knowledge of top management decision making. Prerequisite: Permission of instructor.

Credit, 3 hours

GRADUATE SCHOOL

On January 13, 1961, the Trustees of Wake Forest College established the Division of Graduate Studies and announced that beginning in September, 1961, the College would resume course and research work leading to the degree of Master of Arts in the Departments of Biology, Chemistry, English, History, Mathematics, and Physics. In September, 1964, the Department of Psychology was added to this group. Two years later, graduate study was begun in the Department of Sociology and Anthropology, and in September, 1967, the Departments of Physical Education and Religion inaugurated master's degree programs.

On June 12, 1967, when Wake Forest College became Wake Forest University, the name of the Division of Graduate Studies was changed to the Graduate School. Also on that date, the Department of Education began offering programs of study leading to the Master of Arts in Education degree for those training to become teachers, principals, supervisors, and counselors in the public secondary schools.

Candidates for the degree of Master of Arts are required to complete successfully a minimum of twenty-four hours of course work, write a thesis for which six hours of credit are allotted, and pass a reading examination in one modern foreign language. The requirements for the Master of Arts in Education degree are essentially the same except that the prospective principal writes an internship report instead of a thesis and there are possible substitutions for the foreign language requirement in all of the programs in Education.

The Graduate School will have twenty full tuition scholarships available to be awarded for the summer of 1968 and a total of fifty-eight assistantships, fellow-

ships, and scholarships for the academic year 1968-1969.

The *Bulletin* of the Graduate School, an application for admission form, and an application for grant form may be obtained by writing the Dean of the Graduate School, Box 7323, Reynolda Station, Wake Forest University, Winston-Salem, North Carolina 27109.

SCHOOL OF LAW

*Faculty**

JAMES RALPH SCALES, *President*
CARROLL W. WEATHERS, *Dean and Professor of Law*
RICHARD GORDON BELL, *Professor of Law*
HUGH WILLIAM DIVINE, *Professor of Law*
ESRON MCGRUDER FARIS, JR., *Professor of Law*
HENRY CONRAD LAUERMAN, *Professor of Law*
ROBERT E. LEE, *Professor of Law*
JAMES E. SIZEMORE, *Professor of Law*
JAMES A. WEBSTER, JR., *Professor of Law*
MRS. VIVIAN LUNSFORD WILSON, *Law Librarian*

General Statement

The Law School was established as a department of Wake Forest College in 1894, the first instructor being Professor N. Y. Gulley, who served as dean from 1905 until his retirement from active administration in 1935. From the beginning, the school has steadily grown and developed until it now has a faculty of eight full-time teachers.

The selection and treatment of the courses of study offered in the Law School, and the method of instruction employed are designed to afford comprehensive and thorough training in the broad field of legal education and to equip students to practice in any jurisdiction where the Anglo-American law system prevails. The achievement of these purposes necessitates, first, the requirement of adequate and appropriate preliminary education in order to assure an intellectual maturity and cultural background against which legal principles and problems can be understood in their social, economic and moral, as well as in their legal aspects; second, a

* See Administration and Faculty sections for full information.

comprehensive study of the theories and doctrines of the Anglo-American system of law and their statutory modification.

The Law School has as its objective, not only to train a student in legal principles and doctrines, but also to stimulate his reasoning powers, to prepare him to present legal propositions logically and analytically, and to develop in the student a profound sense of legal ethics, professional responsibility and the duty of the lawyer to society.

The Law School is fully approved by all national and state accrediting agencies. It is a member of the Association of American Law Schools, and is listed as an approved school by the American Bar Association, by the Board of Law Examiners and Council of the North Carolina State Bar, and by the University of the State of New York.

The Law School has its separate building, new and modern in all respects and designed to accommodate the continued growth and future development of the School and the expansion of its program in the field of legal education. The law building, which is a handsome four-story structure, contains many attractive and useful features including air-conditioning. In addition to classroom and seminar room facilities, administrative and faculty offices, library, student lounge and faculty conference room, the building contains a combination moot court-assembly room which will seat 250 people and is adapted for the multiple purposes of the moot court program, Student Bar Association activities, and institutes in the field of continuing legal education. The Law Library is of extraordinary beauty and will accommodate in excess of 100,000 volumes. Alcoves in the reading room and balcony provide individual study space for students. Additional study tables are available

in the reading room and in the three conference rooms. Typing carrells are located in the third floor stack area. The law building also provides a conference room for members of the Bar who wish to use the facilities of the Library for research.

The Law Library contains approximately 36,600 volumes, carefully selected to avoid unnecessary duplication and to insure the greatest possible usefulness.

Admission Requirements

The academic requirements for admission to the School of Law, as a candidate for the J.D. degree, may be satisfied by any one of the following methods:

(1) An academic degree from an approved college or university.

(2) The completion of three years of academic work prescribed in the "Combined Course" in Wake Forest College. (See pages 118-119 for details.)

Non-theory courses in military science, hygiene, domestic arts, physical education, vocal or instrumental music, practice teaching, teaching methods and techniques and similar courses are not acceptable under the above rule. "Required" non-theory work is acceptable up to ten per cent of the total credit offered for admission.

The Law School does not admit applicants without an academic degree, except applicants from Wake Forest College who pursue the "Combined Course" plan of three years of acceptable academic work in Wake Forest College.

The academic requirements set forth above are minimum requirements, and satisfaction of these requirements does not necessarily entitle an applicant to admission. The Law School requires for admission a scholastic average appreciably higher than a bare C average, and considers not only the scholastic average,

but also the nature and subject-matter of the courses taken by the applicant. In addition, an applicant for admission is required to take the Law School Admission Test (hereinafter referred to) and to have his scores on such Test furnished this Law School.

There is no rigidly prescribed pre-legal curriculum for admission to the School of Law. Since the law, in its application and as a subject of study, touches so many phases of life, it has been considered unwise to require an inflexible preparatory course. The School of Law merely recommends the inclusion of as many of the following courses as possible in any pre-law program of study: English Composition, History of the United States, History of England, European History, Constitutional History, Government of the United States, State and Local Government, Comparative Government, International Relations, Literature, Foreign Languages, Speech, Psychology, Philosophy, Logic, Natural Sciences, Mathematics, Principles of Economics, Accounting, and Investments.

The work of a law student is greatly facilitated if he can use a typewriter.

Application for admission to the School of Law must be made in writing on a form furnished by the Dean of the School of Law. A small photograph of the applicant must be attached to the application form upon its return. The applicant must request the Registrar of each college or university that he has attended to send a complete transcript of his record direct to the Dean of the School of Law. The applicant must also have his scores on the Law School Admission Test reported to this Law School. When these items have been received by the School of Law, the applicant will be notified concerning his application.

When an application has been accepted the applicant

must make a deposit of \$25 with the Treasurer of the University. The deposit is applied on tuition or University charges when the applicant enters the Law School.

Beginning students are admitted to the School of Law at the opening of the fall session. In addition, for several years it has been the policy of the Law School to admit beginning students at the opening of the spring session, which enables such students by continuing without interruption to complete the three-year course in two and one-half years consisting of five regular semesters and two summer sessions. The School will admit beginning students at the opening of the 1969 Spring Semester, and this policy of admitting beginning students at the opening of the spring session will continue until terminated by the Faculty. Advanced students may be admitted at the opening of the summer, fall or spring sessions. The Law School each year conducts two semesters of 17 weeks each, and a summer session of nine weeks.

Admission to Advanced Standing. A student from a law school which is a member of the Association of American Law Schools, who is otherwise qualified to enter this school, may in the discretion of the faculty be admitted to advanced standing for the J.D. degree. The student must be eligible for readmission to the law school from which he proposes to transfer. The last year of work on the basis of which the degree is granted must be taken in the Wake Forest University School of Law.

Law School Admission Test

This Law School requires all applicants for admission to take the Law School Admission Test, a test administered by Educational Testing Service. The applicant's scores on the Test will be considered among

other factors in passing on his application for admission to this Law School.

Applicants should write Law School Admission Test, Educational Testing Service, P.O. Box 944, Princeton, New Jersey, for application forms for taking the Test, and for the Bulletin of Information regarding the Test. The Test will be given at numerous locations throughout the nation, including Wake Forest University.

An applicant should request Educational Testing Service to report his scores on the Test to this Law School.

Scholarships and Student Aid

The Law School has a number of scholarships available for each beginning class. Some of these scholarships are awarded on the basis of character, scholarship and financial need. Additional scholarships in a larger amount and covering full tuition are available for each beginning class and are awarded on the basis of character and exceptional scholastic achievement without regard to financial need. Application forms for scholarships may be obtained from the Dean of the School of Law. Applications for scholarships should be filed by March 10th for the school year commencing the following September.

The University has available loan funds for the benefit of students who are in need of financial aid and have satisfactorily completed at least a full semester.

In addition, a number of law students are afforded limited employment as Law Library assistants and dormitory counselors but usually after the completion of their first year.

Degree of J.D.

The degree of Juris Doctor (J.D.) will be awarded to the student who (1) has fulfilled the requirements for admission to the Law School as a regular student, (2) thereafter spends the equivalent of three academic years in resident study in the Law School, (3) successfully completes eighty-three semester hours of law, including all prescribed courses, and (4) attains a cumulative weighted average of 67 or more on all work required for graduation.

A candidate for degree whose cumulative weighted average places him in the upper ten per cent of his graduating class will be graduated with the distinction *cum laude* and will be classified as a "Scholastic Honors Graduate." Any such person graduating with a cumulative weighted average of 85 or above will be graduated with the distinction *magna cum laude*.

The Summer Session

The School of Law operates a summer session of nine weeks, the work of which is carefully planned with reference to the curriculum of the regular academic year, and may be used either to supplement the regular curriculum or as a substitute for part of it. Courses are offered during the summer session for advanced students only.

Further Information

Descriptions of the system of grading and examinations, general scholastic regulations, student organizations, prizes and awards, and the complete course of study are contained in a special Law School Bulletin, issued annually. Requests for this Bulletin, and other correspondence concerning the Law School, should be addressed to The Dean, School of Law, Wake Forest University, 7206 Reynolda Station, Winston-Salem, N. C. 27109.

BOWMAN GRAY SCHOOL OF MEDICINE

ADMINISTRATIVE OFFICERS*

JAMES RALPH SCALES, *President*

MANSON MEADS, *Vice President for Medical Affairs and Dean*

ROBERT L. TUTTLE, *Associate Dean*

CLYDE T. HARDY, JR., *Associate Dean (Administration)*

C. NASH HERNDON, *Associate Dean (Research Development)*

HARRY O. PARKER, *Controller*

MRS. ERIKA LOVE, *Librarian*

Origin and Development

The School of Medicine was established at Wake Forest in 1902. It was renamed the School of Medical Sciences in 1937 and operated as a two-year medical school until 1941, when it was moved to Winston-Salem as a four-year medical school in association with the North Carolina Baptist Hospital. It was renamed The Bowman Gray School of Medicine of Wake Forest University in recognition of the benefactor who made the expansion possible.

Facilities

The main teaching hospital of the medical school is the North Carolina Baptist Hospital. It has 450 general hospital beds, an 80-bed progressive care unit, a 12-bed intensive care unit, and an outpatient department which serves 95,000 patient visits a year.

The medical school and hospital buildings join to form a single unit, resulting in close correlation of clinical and basic medical science teaching programs.

* See Administration and Faculty sections. For the complete faculty roster, see the special bulletin of The Bowman Gray School of Medicine, which may be obtained by request to The Office of Student Affairs, Bowman Gray School of Medicine, Winston-Salem, North Carolina 27103.

Construction is under way on buildings included in a \$28-million expansion program which will virtually double the size of the medical center. The project will increase the number of teaching beds to 717 and will provide additional clinical, educational and research facilities. It is designed to permit a 37 per cent increase in medical student enrollment and a significant expansion of the graduate and postdoctoral programs.

Major elements of the program include a 122,000-square-foot addition to the medical school on the north side of the 35-acre campus; a 14-story hospital and clinics building on the west side; expanded facilities for paramedical education; a 400-seat auditorium and a new medical center power plant.

Standards

The school is a member of the Association of American Medical Colleges and is approved by the Liaison Committee on Medical Education of the Council on Medical Education of the American Medical Association and the Association of American Medical Colleges. Academic and professional standards comparable to other leading medical schools in the United States are maintained.

Requirements for Admission

The requirements for admission to the medical school are based on the premise that the program of training a physician is a continuous one shared by both the undergraduate college and the medical school. The responsibility of the undergraduate training program is thus not only to provide the prospective student with the technical information and skills which will make it possible for him to complete his course in

medical school but also to help him develop a broad background of experience and interest which will make it possible for him later to achieve a full realization of his potentialities as an individual and as a member of society.

Although ninety semester hours are the minimum requirement, it is felt that, except in unusual circumstances, the student should plan to complete a well-rounded four-year college course, comprising certain specific requirements, but with the emphasis on a broad educational program.

In order for the student entering medical school to be prepared for his courses, he must have acquired certain basic scientific information. Such information is ordinarily obtained in the following undergraduate courses:

- 2 semesters of general biology
- 1 semester of advanced zoology
- 2 semesters of general chemistry
- 2 semesters of organic chemistry
- 1 semester of quantitative analysis
- 2 semesters of general physics

Biology: Courses should provide a broad survey of the animal kingdom, an awareness of animal types and their classifications and a view of man as a part of the total biological picture. Such information is usually covered in one year of general biology. In addition, one course in advanced zoology is required. This may include such courses as embryology, genetics, comparative anatomy, or cytology.

Chemistry: The student should have a working knowledge of chemical principles and of basic quantitative physico-chemical concepts; of the properties of chemical elements, ions, and organic compounds; of the

relationship of chemical properties to structure; and of the common techniques of organic chemistry and quantitative analysis. It is important that the student's chemistry experience include adequate time in the laboratory and familiarity with quantitative techniques. These requirements will normally be met by a minimum of one year of general chemistry, one year of organic chemistry, and one course in quantitative analysis. Most students would also profit by a course in physical chemistry.

Physics: Knowledge of the fundamental principles of electricity, electromagnetic radiations, sound, heat, mechanics and optics is necessary and can usually be obtained in a one-year course in general physics.

It should be emphasized that, in listing the above scientific requirements, it is not intended to minimize the importance of other less specific educational requirements.

In addition to the material listed above, the student should acquire extensive knowledge of man as the product of his social, physical, and emotional environment. The desired training is given in courses in Philosophy, Religion, Economics, Sociology, History, Literature, Mathematics, Language, and Psychology. The student is urged to acquaint himself as widely in these fields of knowledge as time and his inclination will permit.

Admission

Candidates desiring admission will, upon request to the Committee on Admissions of the Medical School, be furnished application blanks, which should be properly filled out and returned to the Committee on Admissions together with an application fee of ten dollars.

On receipt of the application and transcripts of the applicant's pre-medical work, the credentials will be reviewed by the Committee on Admissions. Students whose applications are favorably considered will be invited to come to Winston-Salem for personal interviews. Those applicants who are accepted are required to make a deposit of fifty dollars to reserve a place in the class for which they are accepted. The deposit will be credited on tuition and deducted from the payment due when the student matriculates.

Students are selected on the basis of academic performance, character, and general fitness for the study of medicine. No student will be admitted who is ineligible, because of scholastic difficulties or misconduct, to re-enroll in a school previously attended. Students more than twenty-six years of age are not encouraged to apply.

Graduate Studies

Opportunities are provided for qualified students to obtain advanced instruction and research training in the medical sciences. Course work is offered leading to the Master of Science degree and Doctor of Philosophy degree with a major in Anatomy, Biochemistry, Microbiology, Pharmacology and Physiology. A program leading to the Master of Science degree is offered in the Department of Laboratory Animal Medicine for students who hold the D.V.M. degree. The Master of Science degree in Medical Sciences is offered to qualified students including medical students and persons holding the M.D., D.V.M. or D.D.S. degrees. This graduate program may be carried out in any department or section of the medical school with the approval of the Committee on Graduate Studies.

Detailed information concerning the graduate pro-

gram can be obtained by writing to the Office of Graduate Studies, The Bowman Gray School of Medicine, Winston-Salem, North Carolina 27103.

Further Information

For detailed information concerning enrollment in The Bowman Gray School of Medicine, admission to advanced standing, and other matters, address The Committee on Admissions, The Bowman Gray School of Medicine, Winston-Salem, North Carolina 27103.

THE 1968 SUMMER SESSION

Two Six-week Terms

The first of two six-week terms will begin with registration on Monday, June 10, 1968, and will extend through July 16. The second term will begin with registration on Thursday, July 18, and will extend through August 23.

Class work will be confined to the mornings, except for courses in swimming and choir which will meet in the afternoons. Periods will be seventy-five minutes in length, and classes will meet daily, Monday through Friday, and on the first, third, and fifth Saturday of each term.

Courses in the sciences carry four semester hours credit each, and those in swimming, choir and golf one semester hour each. All other courses carry three semester hours credit. The normal load for a student is six semester hours, and the maximum load is seven hours.

Courses will be offered which are designed to meet the needs of regular Wake Forest students, incoming freshmen, visiting students from other colleges, and public school teachers needing renewal of certificates. There will be courses in Biology, Chemistry, Education, English, History, Mathematics, Modern Languages, Music, Philosophy, Psychology, Physics, Physical Education, Religion, Sociology and Anthropology, Speech, and Business Administration.

In the Summer Session of 1968 graduate courses leading to the Master of Arts degree will be offered in the departments of Biology, English, History, Physical Education, Psychology, Sociology and Anthropology. Opportunities for research toward the Master of Arts degree, but not graduate courses, will be provided

in the departments of Chemistry, Mathematics, and Physics.

For information concerning graduate study in the Department of Education see the Summer Session Bulletin, which may be obtained by addressing Dean of the Summer Session, Wake Forest College, Box 7293, Reynolda Station, Winston-Salem 27109.

DEGREES CONFERRED

COMMENCEMENT EXERCISES AND DEGREES 1967

THE PROGRAM

SUNDAY, JUNE 4

2:00 p.m. Senior Orations (for the Ward Medal)

William Michael Andrew "The Problem of
Democratic Education"

Sandra Leigh Myers "The Importance of
Christian Training as a Part of Total Education"

Vicki Lu Tolar "Time and the Student"

Richard Carter Fallis "Light in a Dark Land"

3:00 p.m. Commencement Recital

4:00 to 5:30 p.m. Reception by President and Mrs. Tribble
honoring members of the graduating classes and their
visitors.

7:30 p.m. The Baccalaureate Sermon

The Reverend A. Douglas Aldrich

Pastor, The First Baptist Church

Gastonia, North Carolina

MONDAY, JUNE 5

9:30 a.m. Graduation Exercises

Address

Dr. Harold W. Tribble

President, Wake Forest College

Awards and Honors

1. From the School of Arts and Sciences

Graduating with Honors in:

Biology: Warner Miller Burch, Jr., Patricia Anne
Patrick, Elizabeth Pilgrim Schulenburg

English: Walter Henry Beale, III

German: Elizabeth Anne Cheves

History: Larry Lee Brock, Thurman Barrier Clenden-
in, Jr., Richard Garland Harris, Milton Lyman
Henry, Jr., Sarah Louise Jenkins, Martha Ball
Umberger

Political Science: William Michael Andrew, Jayashree
Balkrishna Gokhale

Romance Languages: Charlotte Elayne Farlow

Graduating with Honors in Arts and Sciences:

Richard Carter Fallis

A.C.C. Award for excellence in Scholarship and Athletics:

Kenneth Robert Hauswald

Seniors Elected to Phi Beta Kappa—Spring 1967

Sherman Michael Anderson	Charlotte Elayne Farlow
William Michael Andrew	James Bryan Fitzgerald, III
Walter Henry Beale, III	Jayashree B. Gokhale
Edward Everett Boone	Jesse Christopher Griffin, III
Meredith Lynn Bratcher	Martha Rose Hamrick
Larry Lee Brock	Richard Larry Hardin
Jean Dianne Fields Broyles	Suzanne Harris
Anne Ballentine Buchanan	Sara Adele Hendricks
Beverly Anne Burch	Sarah Louise Jenkins
Warner Miller Burch, Jr.	Lovina Harvel Joines
Mary Kathryn Burchette	Jean Carol Manning
Paul Glenn Canady	Linda Diane Mitchell
Patricia McCall Carlton	Patricia Anne Pond
Elizabeth Anne Cheves	Jerry Lee Pruitt
Thurman Barrier Clendenin, Jr.	Martha Ann Seawright
Julia R. Combs	Judith K. Shelhorse
Dale West Creighton	Jane Garner Sherrill
Mary Sue Elledge	Carol Ann Snead

Vicki Lu Tolar

2. From the School of Business Administration

Delta Sigma Pi Scholarship Key—William Earl Dale

Alpha Kappa Psi Scholarship Key—William Earl Dale

Lura Paden Baker Award—Betty Bernice Harris

N. C. C. P. A. Association Award—Lloyd Russell Daniel, Jr.

A. M. Pullen Company Award—Max August Holcher

Wall Street Journal Award—James David Long, Jr.

Seniors Elected to Beta Gamma Sigma

William Earl Dale Ronnie Stephen Elliott Betty Bernice Harris

3. From the School of Law

Lawyers Title Insurance Corporation Award—
Donald Arthur Donadio

North Carolina National Bank Prize:

First Prize—(State Wide)—Charles Brandt Winberry

First Prize—(Wake Forest)—Charles Brandt Winberry

Second Prize—(Wake Forest)—John H. Vernon, III
The Warren A. Seavey Award—Max Daniel McGinn

4. From the Bowman Gray School of Medicine
Roche Awards—Rufus McPhail Herring; John Atlas Phillips
Faculty Award—John Ward Yarbrough
Best Student Paper Awards—
First prize, Earl Franklin Tulloch, Jr.;
Second prize, David Arlo Russell;
Third prize, Gerald Thomas Golden
5. National Foundation Award—Howard E. Stone, Jr.
Pediatric Merit Award—Stephen Jan Eberhard
Obstetrics-Gynecology Award—Earl Franklin Tulloch, Jr.
Annie J. Covington Memorial Award—John Carl Hamrick, Jr.

Senior Members of Alpha Omega Alpha

James L. Biesecker	John A. Thompson, Jr.
John Carl Hamrick, Jr.	E. Franklin Tulloch, Jr.
Gerry D. Martin	Wilson K. Wallace
William Anthony Smithson	John Ward Yarbrough

5. From the Department of Military Science
President's Trophy—Cadet Lieutenant Colonel Hoke B. Smith, III
ROTC Certificate of Meritorious Leadership—Cadet Colonel George F. Sheaffer, III
Superior Cadet Decoration—Cadet Lieutenant Colonel Hoke B. Smith, III
Professor of Military Science Award—Cadet Captain Joseph Sepic, Jr.
American Legion Award—Cadet Major Donald C. Wilson
Reserve Officers' Association Medal—Cadet Lieutenant James B. Fitzgerald, III
Armed Forces Chemical Award—Cadet Captain Kenneth E. Hendrycy
Minute Man Medal—Cadet Lieutenant Colonel Daniel M. Ferezan

6. Graduation Distinctions

Summa Cum Laude

Anne Ballentine Buchanan	Linda Diane Mitchell
Jesse Christopher Griffin, III	Jerry Lee Pruitt
Sarah Louise Jenkins	Martha Ann Seawright

Magna Cum Laude

S. Michael Anderson	Patricia Helen McCall Carlton
William Michael Andrew	Dale West Creighton
Walter Henry Beale, III	Mary Sue Elledge
Meredith Lynn Bratcher	Jayashree B. Gokhale
Edward Everett Boone	Suzanne Harris
Sandra Cheryl Brann	Thaddeus Kinga
Diane Fields Broyles	Judith Kemper Shelhorse
Beverly Anne Burch	Jane Garner Sherrill
Mary Kathryn Burchette	Vicki Lu Tolar

Cum Laude

Elizabeth Diane Barker	Robert Battle Hocutt
Kenneth Earl Barnes	Fred Michael Hooper
Diane Rozier Brantley	Nancy Hughes
Steven Charles Beuttel	James Ellegood Humphrys, Jr.
Larry Lee Brock	Mary Jill Isley
Warner Miller Burch, Jr.	Lovina Harvel Joines
Robert Earl Campbell	John Charles Hugh Laughlin
Paul Glenn Canady	Naomi Lesko
Elizabeth Ann Cheves	Georgia Nell Looney
Thurman Barrier Clendenin, Jr.	Jean Carol Manning
Rebecca Hudson Conner	John Lyons Marshall
Ferd Leary Davis, Jr.	Max Daniel McGinn
Donald Arthur Donaldio, Jr.	Wilba Jean Parrish
Mary Jean Ellis	Patricia Anne Patrick
Richard Carter Fallis	Patricia Anne Pond
Charlotte Farlow	Barbara Price
James Bryan Fitzgerald, III	Joseph W. Schafer
Frances Laramore Flynn	Elizabeth Pilgrim Schulenberg
Jane Ellen Glenn	Linda Diane Scorgie
Richard Stewart Gordon	George Franklin Sheffer, III
Martha Rose Hamrick	Carol Ann Snead
Richard Larry Hardin	Karin Elaine Strasser
Betty Bernice Harris	Robert Warren Sumner
Richard Garland Harris	Connie Todebush
Jenny Whitaker Henderson	Martha Ball Umberger
Sara Adele Hendricks	Carol Ward
Milton Henry	Wallace Bailey Watson
Jane Herlocher	Joe Durwood Whisnant

Ashley Eakes Whitfield

DEGREES CONFERRED

Bachelor of Science

Nancy Rae Aycock	Nancy Kathryn Hughes
Edlow Garrett Barker	John Dempsey Ivey, Jr.
Paul Edwin Beavers	Susan Walke James
Richard Allen Beavers	Richard Thomas Jamback
Mary Sampson Bennett	Talmage Moton Jobe, Jr.
Harold Lee Bettis	Lovina Harvel Joines
Stephen Charles Beuttel	Daphne Gayle Keith
Marcia Lynn Black	Alton David Kline
Peter J. Bondy	James Stratton Knight, III
Edward Everett Boone	Edgar Winslow Lane, III
Ellen Mildred Brittingham	Elliot F. Lasky
Warner Miller Burch, Jr.	Lawrence Bradley Leatherwood
Mary Kathryn Burchette	Georgia Nell Looney
David Stewart Caldwell	Alexander Dermot McConnell
Lawrence McClure Caldwell, II	Philip Hunter McCorkle, Jr.
Lynn Thomas Callahan, III	Henry Bettis Malone, III
Elizabeth Harding Carter	John Lyons Marshall
Edd Price Chariker	Jeffrey Allan Milberg
Lorraine Marilyn Cowall	Linda Diane Mitchell
Channing Howard Cox, Jr.	Leslie Morgan Morris, Jr.
Larry Clarke Crawford	Mary Joanna Morrison
Victor Michael Cresenzo, Jr.	Mary Anna Napier
Edward Turner Dalton	Jade Elizabeth Norris
Donald Wayne Davis	William Boyd Owen, Jr.
Ronald Green Dennis	Henry Thomas Parrish
Michael Vinson Duncan	Wilba Jean Parrish
Alice Mary Elste	Patricia Anne Patrick
Lora Lake Faley	Robin Cheryl Preissner
James Willard Felts	Ann Elaine Prentice
Edyth Hazel Flora	Jerry Lee Pruitt
Thomas Reherd Flory	George Montague Puryear
Harry Weisiger Flynn, Jr.	Julian C. Rainwater
Thomas R. Graham	Martha Ann Roberson
Barbara Jean Griffin	Judith A. Robertson
Jesse Christopher Griffin, III	Harriet Faye Robinson
Thomas Jack Griffin, Jr.	Charles Edwards Ross
Garret Frank Harnett	Paul Good Schneider
Suzanne Harris	Elizabeth Pilgrim Schulenburg
Kenneth Robert Hauswald	Martha Ann Seawright
Sara Adele Hendricks	Gertrude Carolyn Shaw
Kenneth Edward Hendrycy	Joseph O. Shaw, III
Flora Anne Hoffman	Robert Elmer Shaw

Judith Kemper Shelhorse
Robert Richard Shouse
Ronald James Smith
Lee Preston Somers, III
Charles Carmen Stott, Jr.
Karin Elaine Strasser
Linda Harris Sutton
Leroy Edwards Thompson
Connie Dyckman Todebush
Vicky Lynn Tredway

Reginald Edward Tweedy, Jr.
Stuart Selden Verch, II
Carol Cherry Ward
Phyllis Jane Warrick
Joseph Durwood Whisnant
Thomas Walker White, III
Sarah Ann Wiggins
Sidney Herbert Williams
Sylvia Jane Wilson
Edward Victor Wisneski

L. Dwight Wooster

Bachelor of Arts

S. Michael Anderson
William Michael Andrew
Michael Wayne Andrews
Pamela Joyce Austin
William Russell Ayers
Elizabeth Diane Barber
Susan Barlow
Kenneth Earl Barnes
John Sykes Barr
Anne-Marie Batac
Walter Henry Beale, III
David Charles Bean
Nancy Lynn Bell
Beverly Burroughs Benfield
Thomas Edney Benfield
Richard Marlin Bergey
Alan Thomas Bernhardt
Patricia Anne Beshears
Winfield Allen Boileau
James Stewart Boshart, III
Mary Suzanne Bowles
Blake Patrick Boyle
Sandra Cheryl Brann
Diane Rozier Brantley
Meredith Lynn Bratcher
Roger Dale Bridges, Sr.
Larry Lee Brock
Victoria Lynne Brown
Jean Diane Fields Broyles
Anne Ballentine Buchanan
Ned Arnold Buckner
Beverly Anne Burch

Oliver Taylor Burgess, Jr.
Thomas Jordan Burns, Jr.
Stephen Merritt Burns
Catherine Hanna Campbell
Paul Glenn Canady
Marsha Allita Cannada
John Douglas Cannon
Patricia Helen McCall Carlton
Elizabeth Anne Cheves
John Wade Christensen
Thurman Barrier Clendenin, Jr.
Henry Irwin Coffield, III
Gary Turner Collins
Thomas Robert Collins
Rebecca Hudson Conner
John Watson Cooper
Brenda Kay Corriher
Dale West Creighton
Ruth Shipp Cromartie
Amos Gilmore Crumpler, Jr.
Karen Avis Dahlstrom
Tony Lee Darnell
Lawson Alexander Deaton, Jr.
Graham Williams Denton, Jr.
James Russell Dorr
Jack Douglas Downard
George Clovis Duncan, Jr.
Suzanne Schmidt Eddinger
Mary Sue Elledge
Mary Jean Ellis
Richard Carter Fallis
Charlotte Elayne Farlow

Degrees Conferred

Robert Walter Feeman
James Bryan Fitzgerald, III
Frances Laramore Flynn
Fletcher Smith Flynn, II
Claire Lockhart Follin
Beverly Jo Freeman
William Halsey Freeman
Sharon Dayne Gambill
George David Gifford
Royce Lee Givens, Jr.
Samuel Templeman Gladding
John Joseph Glasheen, Jr.
Jane Ellen Glenn
Robert Malcolm Goetting
Jayashree B. Gokhale
Arthur Howard Goodwin, Jr.
Barbara Ann Gordon
Richard Stewart Gordon
Marilyn Frances Goss
Stefanie Graef
Vicki Currin Graham
Harold Carter Griffin
Margaret Love Griffin
John Howard Hall
Sandra Cathy Hall
Martha Rose Hamrick
Esten Harriet Hardee
Richard Larry Hardin
Richard Allen Harper
Abigail Lynn Harris
Richard Garland Harris
Wade Brian Haubert
Edward Boyette Hawes, Jr.
Jeffrey Russell Hayes
Royster Cromwell Hedgepeth
H. Clay Hemric, Jr.
Jenny Whitaker Henderson
Judith Lynn Hendrix
Milton Lyman Henry, Jr.
Jane Herlocker
Anne Hall Herring
Daniel Edward Herring, Jr.
Lloyd Hise, Jr.
John Montgomery Hogewood
Frederic Michael Hooper
Edgar Overton Hubbard, III

Susan Carol Hultin
Sue Ellen Humphrey
Gerald Lynn Hunter
Ernest Keith Hutcherson
Mary Jill Isley
Johnnie Morgan Jackson, Jr.
Richard Joseph Jacobs
William Thomas Jeffries
Charles Laurence Jenkins, Jr.
Sarah Louise Jenkins
Twyla Lee Jenkins
Sarah Morris Johnson
Douglas Steele Jones
Stuart Hunt Jones
Turner H. Jones, Jr.
James Ford Kelley, II
Elizabeth Anne Kennedy
Glenda Ann Kilby
Thaddeus F. S. Kinga
Glenda Dayle Kirby
Edmund Kirby-Smith
Sara Frances Kirk
Mary Anne Kirkpatrick
Roger Hartley Kramer
John Wesley Lambert, Jr.
Joy Elvey Lamm
John Charles Hugh Laughlin
Grieg Leonard
Naomi Ruth Lesko
Michael Joseph Lewis
James Howard Logan
Roberdeau Allison Ludwig
Helen Margaret McBee
William Henry McElwee, III
Charlie Smith McIntyre, Jr.
Susan Catherine McLean
Donald Richard McMurry
Edward Allen MacDuffie, Jr.
Bennett Alston Macon, Jr.
Elizabeth Ann Malbon
John Aaron Mann
Jean Carol Manning
Celeste Adams Mason
Teri Dean Morgan
Ronnie Walter Morris
Lynda Louise Murchison

Degrees Conferred

Charles Laughon Myers
Sandra Leigh Myers
Roger Conrad Niblock, Jr.
Barry Chivous Padgett
Jim Pittman Partin, Jr.
Warren Leonard Pate
John Rodwell Penry, Jr.
Clifford Woodward Perrin, Jr.
Richard Eric Peterson
Patricia Anne Pond
Barbara Price
Sylvia Elizabeth Pridgen
Rosemary Greenwood Pulliam
Susan Capell Rabenhorst
Michael Ray Rankin
Philip Robert Rapp
Nancy Ellen Reece
Wonnie Carolyn Reeder
Ivan Jack Rice
John Morris Rich
Everette L. Richardson, Jr.
Donald Gray Roberson
Mark Robinson
Jon William Rosborough
Glenda Jo Ruff
Robert Lane Russell
James W. Schafer
William Goodwin Schlossberg
Linda Diane Scorgie
Richard Arthur Sedgley
Faye Marie Setzer
Virginia Shankle
George Franklin Sheffer, III
Jane Lemons Shepherd
Jane Garner Sherrill
William Walter Sherrod
Dan Myles Shive
Sheryl Lorene Shoaf
Robert Jay Sigel
Paul Allen Sinal
George Ronald Sipe
Archie Leake Smith, Jr.

Hoke Baird Smith, III
Carol Ann Snead
John Joyner Snow, Jr.
James Eugene Snyder, Jr.
Edwin Marion Speas, Jr.
Willard Irving Staples, III
Brian Douglas Stenfors
Robert Clifton Stephens, Jr.
Sarah Lee Hill Stepp
Richard G. Stoneburner, Jr.
Robert Warren Sumner
David Glover Tinsley, Jr.
Vicki Lu Tolar
Jeannette Elizabeth Turner
John Edwin Turlington
Martha Ball Umberger
John Meade Vantrease, Jr.
Charles Allison VanWagner, II
Katy Jo Vargo
William Laurance Vernor
Albert Byron Viehman
Donald Milton VonCannon
Edith Delayne Wall
James Albert Wall, Jr.
Bonnie Juliette Walthall
Milton Clay Warf
Sherrill Royster Washington
Sherrill Gurley Whitaker
Ashley Eakes Whitfield
Liston Harold Whiteside, II
Sharwynne Gail Wilkins
Maude Susan Monroe Williams
Walter Frederick Williams, Jr.
Robert John Wills
Daniel Grey Wilshin
Jon Martin Wilson
Nancy Elaine Wilson
John Sidney Womble
William Donald Woodall
Ronald Burton Worthington
Bonnie Conway Wright
Susan Marie Wright

David Cheshire Wyche

Degrees Conferred

Bachelor of Business Administration

John Allan Acton	Betty Bernice Harris
Nathan Edward Alberty	Max August Holcher
Reuben Lynwood Baldwin, III	Frank Bleecker Koues, III
Paul Davis Breedlove	James David Long, Jr.
John Henry Buczek	Paul Richard Long
Leonard Roy Chappell	Frank Joseph Mohap, Jr.
William R. Crothers	John Raymond Moore
Loyd Russell Daniel, Jr.	Robert Rhodes Plonk
Rob Vernon Fiser, Jr.	John Michael Ray
Stephen Alexander Geigle	Kaye Louise Sergeant
Douglas Vernon Golightly	Edward Joseph Sizemore, Jr.
Preston Ledford Hall, Jr.	Jack Kendrick Talbert

Juris Doctor

James Pressly Ashburn	William Horace Lewis, Jr.
Jerrold Mark Ball	James Shields Livermon, Jr.
John Thomas Bashore	Stephen Loder-Lane Lovekin
John Franklin Bost, III	Edward Walter Ludemann
James Mashburn Bowen	Joe Pearson McCollum, Jr.
William Eugene Buyn	Max Daniel McGinn
Robert Earl Campbell	Lloyd Daryl McGuire
Jac Arnold Carrick	Don Maddox
Joe Brown Chandler, Jr.	Joseph Gordon Maddrey
Frank Douglass Cherry, Jr.	Alfred Ray Marley, Jr.
Milton Berl Crotts	James Thayer Martin, Jr.
Ferd Leary Davis, Jr.	John Charles Martin
Wade Leon Davis	Jerry Douglas Moore
William Frederick Dickens, Jr.	William Frank Moser
Donald Arthur Donadio	Herbert Taylor Mullen, Jr.
Abram Doyle Early, Jr.	Henry Harrison Mummaw
Clifton White Everett, Jr.	Carlos William Murray, Jr.
Wilbert Mills Faircloth	Mark Braswell Perry
James Melford Gaither, Jr.	Larry William Pitts
James Lee Graham	Douglas Floyd Powell
Laurence Starr Graham	Edward Lee Powell
Bobby Harold Griffin	Robert Blum Rascoe
John William Griffis, Jr.	James Yewell Reed, Jr.
Robert Battle Hocutt	Jonathan Drake Reiff
James Ellegood Humphreys, Jr.	Paul Louis Rifkin
Charles McFarland Hunter	William Reese Serber, III
Jefferson Deems Johnson, III	Everette Ceburn Sherrill
John Steven Kisiday	James Robert Slate
Charles Floyd Lee	James Thomas Stroud, Jr.

Degrees Conferred

Jeffrey Charles Thier
John Henry Vernon, III
Wallace Bailey Watson
Frank Lee Weaver
Barbara Carol Westmoreland
Robert Ellis Wilson

Charles Bryant Winberry, Jr.
Thomas Robert Wright
Panos Andrew Yeapanis
Robert William Yelton
David Maier Zacks
Herman W. Zimmerman, Jr.

Doctor of Medicine

Charles Gilmer Ange, Jr.
Wilbur Sherwood Avant, Jr.
Jerry Lee Bennett
James Leonard Biesecker
Thomas Larry Brown
John Allen Caudle
John Albert Doerner
Francis Bernard Dove, Jr.
Stephen Jan Eberhard
Rodger Henry Eidson
Thomas Carl Eshelman
John Charles Faris
David Walter Fieselman
Henry Wesley Garbee
John Wycoff Godsey
Gerald Thomas Golden
John Carl Hamrick, Jr.
Carl White Hoffman
William Richard Hooper
Paul Edwin Johnson
Theodore Allen Keith
Eleanor Jeannette Kellenberger
John Hume Killian
Ronel Lee Lewis
Gary Lionell Mangum

Gerry David Martin
Douglas Richard Maxwell
Robert William Meldrum
Virgil Marvin Messer
Philip Raiford Miller, Jr.
Donald Kenlon Nicolson
Frank Bernard Osteen
Richard Randolph Peyton
Peter Hamlin Rowe
John Charles Rozier, Jr.
David Arlo Russell
Philip Bryan Sapp
John Layne Scott
Michael Anthony Sisk
William Anthony Smithson
Susanne Stanley
James Fulton Starling, Jr.
John Samuel Stevenson
Howard E. Forsstrom Stone, Jr..
John Albert Thompson, Jr.
Gary Price Todd
Earl Franklin Tulloch, Jr.
Wilson King Wallace
George Harper West
John Ward Yarbrough

Master of Science

Riley Arrington Davis
Preston Hackney Dorsett
Thomas Doyal Franklin, Jr.

James Bernard Gill, Jr.
Nils Ivar Kjosnes
Nancy Greer Weiland

Master of Arts

Ray Rexford Bowie
Charles Irving Brooks
John Henry Crowe
Ralph George Dillon

George Walter Dinolt
Stuart Gordon Fisher
Barbara Bingham Garrison
Norman Eugene Garrison

Degrees Conferred

E. Franklin Harris
Betsy Horne Little
Sarah Jane Noland
Carolyn King Orrell
Sara Helen Parkey
Samuel Quincy Powell, Jr.
Darlena Sizemore

Jim A. Stikeleather
Diane Lackey Thomas
John Ezra Trainer, Jr.
Rachael Ann Wentz
Barbara May White
Francis Fries Willingham, Jr.
Cheung Cheun Wong

HONORARY DEGREES

Doctor of Divinity

Allan Douglas Aldrich

Doctor of Humanities

Nancy Reynolds Verney

Doctor of Laws

Archibald K. Davis
E. Bruce Heilman

Doctor of Literature

Clement Eaton

DEGREES CONFERRED JANUARY 25, 1967

Bachelor of Science

Charles Bradford Cooper	Doyt K. Hoffman
James Clarke Doster	Marcus L. Horne, Jr.
Mary McCollum Drye	Lucy Farris Martin Nelms
Ann Shelbourne Everett	George Dantzler Page, Jr.

Bachelor of Arts

Joseph Thomas Berra, III	D. Stephen Hall
Inell Henman Nelson Clark	Barbara Kate Harris
Earl Wilson Coleman, Jr.	Joseph Harry Kraus, Jr.
Henry Sebron Dale	Teri Dean Morgan
Josephine H. Dobbins	John Bruce Neal
Vann Ashley Wilder	

Bachelor of Business Administration

Charles Neal Cisne, Jr.	Larry Sherman Renegar
Robert Burton Hudson, Jr.	Larry Wayne Sapp
Michael Ward Kirkpatrick	David W. Skamarak
Joseph Clay Powell, Jr.	Conrad Gene Stone

Master of Science

Robert E. Fulp

Master of Arts

Felix Neal Howard, Jr.	Marjorie Holton Prim
John Everett Huggins	Steven William Scott

GRADUATION DISTINCTIONS

Cum Laude

Diane Lynne Rozier

SUMMER DIVISION OF THE CLASS OF 1967

Friday, August 25

DEGREES CONFERRED

Bachelor of Science

Michael Alcala	Andrea Lee Gunn
Stanley Thomas Bahnsen	William Harvey Huffstetler
William Maddox Cobb, Jr.	James Arlie Law
Gerald Eugene Costello	Dave Leonard Moseson
James B. Cruickshank	Leonard Francis O'Hare
Robert V. Ford, Jr.	John Polk Royster, III
Samuel Brooks Green	Herbert Franklin Pike
James Otis Grimsley	Robert Leslie Taylor, III
Forest Adam Wiest	

Bachelor of Arts

Thomas Benjamin Anderson	Ralph Binford Lake
Thomas Yates Baker, III	Caleb Maynard Layman, Jr.
Conrad Alan Barrows	See Woo Lee
William Thomas Bertrand	Thomas Marshall Little, Jr.
Ruth Christine Bohn	Betty Hill Maddrey
Lee Edward Bright	Ronda Kay May
John Elam Carriker	Robert Patrick Moser
Alan Lamar Clark	Milton Preston Pasquith
Charles Morrison Creech, Jr.	Horace Dudley Payne, Jr.
William Robert Cresenzo	Albert W. Pollard, Jr.
Margaret Ann Everhart	Gary James Pressley
Jackson Lattimore Falls	Richard James Quillen
William Wallace Finlator	Vickey R. Reaves
Jerry Wayne Fowler	Polly Jones Rust
Linda Anne Hood	Ronald Doyle Scheetz
Joel Richard Howie, Jr.	Terry Scott Startzman
Mary Julia Ipock	Mary Henly Hankins
Richard Peter Jania	Thompson
James Walter Kausch	Margaret Brown Tucker
Jimmy Leroy Kennedy	Donneise Hazel Gordon
Carol Sisk Koontz	Weisner

Graduation Distinctions

Bachelor of Business Administration

David Carroll Cook	William Walter Kitchen
Larry Douglas Cooke	Philip Case Miner
William Earl Dale	Richard Michael Nargiz
John E. Elledge	Fred Warner Reed
Ronnie Stephen Elliott	Stephen R. Rotroff
Mack William Gaddy	Frederick Richard Steinle
Arnold Gray King	Philip H. Wainwright

Master of Science

Donald Frederick Garver, Jr.

Master of Arts

Charles Howard Bennett	Yukihito Hijiya
John Robert Berschied, Jr.	Roy Linwood Hughes, Jr.
Danny Lee Boyter	Oh Yaw Tatt
Martha Elizabeth Ballou	Richard William Pavlis
Clauset	Frederick C. Rochte
Mary Susan Collins	Richard Clark Schoening
John W. Daniel, Jr.	Martha Kay Shaw
Marcus Henry Deal	James Ronald Sutterer
Johnny Dean DeLaigle	Jimmy W. Viers
Robert Stewart Douglas	William Ronald Wachs
David Britton Funderburk	William Rainey Warren
John David Gillespie	Carol Corn Whisnant
Levi Gillikin, Jr.	Alice Llewellyn White

Doctor of Philosophy

Gene Louis Colborn	Richard Lou Witcofski
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GRADUATION DISTINCTIONS

Cum Laude

William Earl Dale	Linda Anne Hood
Margaret Ann Everhart	Vickey R. Reaves
William Wallace Finlator	Margaret Brown Tucker

ROTC GRADUATES COMMISSIONED IN THE UNITED STATES ARMY RESERVE

December 1966

William H. Stracener, Jr.

January 1967

Joseph T. Berra, III
Inell N. Clark
Charles B. Cooper
James C. Doster

William S. Fulcher
David S. Hall
Marcus L. Horne, Jr.
Joseph C. Powell

February 1967

Earl W. Coleman, Jr.

June 1967

John A. Acton
Graham W. Denton, Jr.
James B. Fitzgerald, III
Royce L. Givens, Jr.
Samuel T. Gladding
John J. Glasheen, Jr.
Douglas V. Golightly*
Thomas R. Graham
Kenneth E. Hendrycy*
Jeffrey R. Hayes
Richard T. Jamback
William T. Jeffries

Alton D. Kline
Edward A. MacDuffie, Jr.
Warren L. Pate
Everette L. Richardson, Jr.
Charles E. Ross
Richard A. Sedgley
Joseph O. Shaw, III
George F. Sheffer*
Hoke B. Smith, III †
George R. Sipe
William L. Vernor
Daniel G. Wilshin

Richard Peterson

July 1967

Conrad A. Barrows

August 1967

John E. Carriker*

Albert W. Pollard, Jr.

September 1967

John P. Royster

* Distinguished Military Graduates.

† Distinguished Military Graduates Commissioned in Regular Army.

SUMMARY—FALL 1967

	<i>Men</i>	<i>Women</i>	<i>Totals</i>	
<i>Graduate School:</i>				
Wake Forest College:				
Regular	90	34	124	
Unclassified	20	23	43	
Bowman Gray School of Medicine	37	11	48	
	147	68	215	215
<i>Wake Forest College:</i>				
Seniors	333	135	468	
Juniors	385	182	567	
Sophomores	417	211	628	
Freshmen	511	202	713	
Unclassified	17	13	30	
	1,663	743	2,406	2,406
<i>School of Business Administration:</i>				
Seniors	56	2	58	
Juniors	62	3	65	
	118	5	123	123
<i>School of Law:</i>				
Third Year	60	3	63	
Second Year	53	...	53	
First Year	79	1	80	
	192	4	196	196
<i>School of Medicine:</i>				
Fourth Year	52	1	53	
Third Year	53	4	57	
Second Year	48	3	51	
First Year	60	2	62	
	213	10	223	223
Grand Totals	2,333	830	3,163	3,163

Summer Session of 1967

	<i>Men</i>	<i>Women</i>	<i>Totals</i>	
<i>First Term:</i>				
Graduate Students				
Regular	59	16	75	
Unclassified	51	71	122	
Undergraduates				
Regular	500	116	616	
Unclassified	127	178	305	
Law Students	25	...	25	
<i>Second Term:</i>				
Graduate Students				
Regular	43	16	59	
Unclassified	11	9	20	
Undergraduates				
Regular	343	87	430	
Unclassified	75	105	180	
	1,234	598	1,832	
Duplicates, attended both Terms	345	136	481	
	889	462	1,351	
Duplicates, Summer School and Regular Session	521	149	670	
	368	313	681	681
				3,844

Registration

Registration by Departments

Biology	866
Chemistry	372
Classical Languages:	
Greek	82
Latin	412
Education	394
English	1,642
German	355
History	1,516
Mathematics	1,215
Military Science	365
Music	317
Philosophy	465
Physical Education	1,048
Physics	277
Political Science	550
Psychology	612
Religion	670
Romance Languages:	
French	496
Russian	22
Spanish	374
Sociology and Anthropology	747
Speech	261

Geographical Distribution

Counties in North Carolina

Alamance	38	Hertford	19
Alexander	3	Hoke	4
Alleghany	2	Iredell	26
Anson	3	Jackson	3
Ashe	5	Johnston	13
Avery	3	Jones	1
Beaufort	6	Lee	5
Bertie	1	Lenoir	15
Bladen	3	Lincoln	6
Brunswick	2	McDowell	3
Buncombe	24	Macon	2
Burke	16	Madison	4
Cabarrus	29	Martin	111
Caldwell	9	Mecklenburg	1
Camden	10	Mitchell	7
Carteret	2	Montgomery	5
Caswell	30	Moore	16
Catawba	6	Nash	11
Chatham	3	New Hanover	5
Cherokee	5	Northampton	3
Chowan	27	Onslow	8
Cleveland	9	Orange	4
Columbus	14	Pasquotank	3
Craven	24	Pender	11
Cumberland	1	Person	17
Currituck	68	Pitt	27
Davidson	6	Randolph	12
Davie	7	Richmond	15
Duplin	19	Robeson	32
Durham	12	Rockingham	40
Edgecombe	365	Rowan	16
Forsyth	1	Rutherford	21
Franklin	47	Sampson	10
Gaston	1	Scotland	11
Gates	6	Stanly	7
Granville	2	Stokes	33
Greene	131	Surry	1
Guilford	11	Swain	6
Halifax	12	Transylvania	20
Harnett	8	Union	6
Haywood	9	Vance	67
Henderson		Wake	

Geographical Distribution

Warren	2	Wilkes	24
Washington	1	Wilson	8
Watauga	5	Yadkin	13
Wayne	12	Yancey	1

States

Alabama	8	Missouri	3
Arizona	1	Nebraska	2
Arkansas	1	New Hampshire	5
California	14	New Jersey	159
Colorado	5	New Mexico	1
Connecticut	28	New York	86
Delaware	23	North Dakota	7
District of Columbia	9	Ohio	54
Florida	106	Oklahoma	4
Georgia	65	Pennsylvania	112
Hawaii	2	Rhode Island	1
Illinois	39	South Carolina	82
Indiana	5	Tennessee	49
Iowa	1	Texas	11
Kansas	2	Utah	1
Kentucky	19	Vermont	3
Louisiana	3	Virginia	306
Maine	1	Washington	4
Maryland	127	West Virginia	47
Massachusetts	36	Wisconsin	3
Michigan	12	A.P.O. & F.P.O.	6
Minnesota	4	Canal Zone	1

Foreign Countries

Afghanistan	1	Hong Kong	2
Argentina	1	India	3
Belgium	1	Iran	1
Brazil	1	Italy	1
Canada	5	Mexico	2
Colombia	1	Nigeria	1
Cyprus	1	Phillipines	1
Finland	1	Sweden	1
Germany	3	Switzerland	2
Taiwan	3		

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